

Converting Colors

RGB(222, 222, 227)

Have a look what the booklet for
RGB(222, 222, 227) contains.

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Color

RGB(222, 222, 227)

Conversions

Conversions Part 1

Format	Color
Hex	DEDEE3
RGB	222, 222, 227
RGB Percent	87%, 87%, 89%
CMY	0.1294, 0.1294, 0.1098
CMYK	0.02, 0.02, 0.00, 0.11
HSL	240°, 8%, 88%
HSV	240°, 2%, 89%
XYZ	70.1106, 73.3182, 83.1296
YIQ	222.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

Format	Color
RYB	222, 222, 227
Decimal	14606051
CIELab	88.60, 0.91, -2.45
CIELCh	89, 2.615, 290.419
Yxy	73.3182, 0.3095, 0.3236
Android (android.graphics.Color)	4292796131 (0xFFDEDEE3)
YUV	222.5700, 2.1840, -0.4999
Hunter-Lab	85.6260, -3.6898, 2.3768

Details

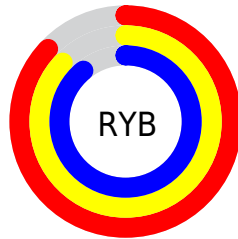
The RGB color `222, 222, 227` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `227, 227, 222`, and the grayscale version is `223, 223, 223`.

A 20% lighter version of the original color is `255, 255, 255`, and `167, 167, 172` is the 20% darker color. If you saturate the color by 10%, you get `199, 199, 227`, and if you desaturate by 10%, it is `245, 245, 227`.

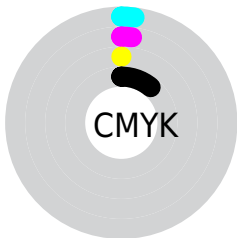
Distribution



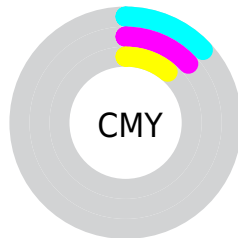
- Red (87%)
- Green (87%)
- Blue (89%)



- Red (87%)
- Yellow (87%)
- Blue (89%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 222, 227 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 222, 222, 227 by changing the saturation by 10% instead.

■ 222, 222, 227

255, 255, 255

■ 222, 222, 227

■ 194, 194, 199

■ 167, 167, 172

■ 141, 141, 145

■ 115, 115, 120

■ 91, 91, 95

■ 67, 67, 71

■ 45, 45, 49

■ 24, 24, 28

■ 0, 0, 0

 222, 222, 227

 222, 222, 227


 199, 199, 227

 245, 245, 227

 177, 177, 227

 255, 255, 227

 154, 154, 227

 131, 131, 227

 109, 109, 227

 86, 86, 227

 63, 63, 227

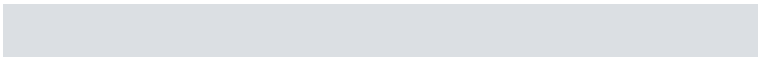
 40, 40, 227

 18, 18, 227

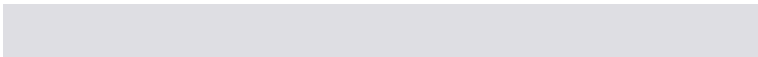
Harmonies

Analogous

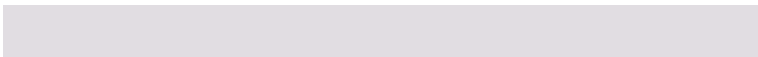
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219, 223, 227



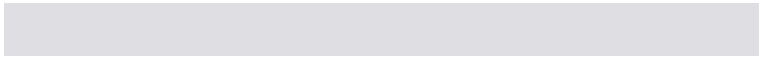
222, 222, 227



225, 221, 226

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222, 222, 227



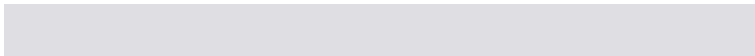
227, 221, 219



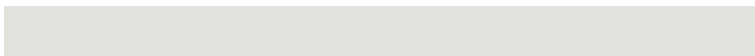
218, 224, 221

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



222, 222, 227



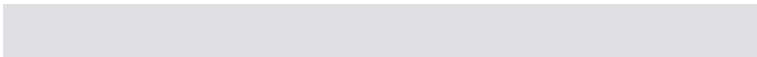
227, 227, 222

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220, 223, 219



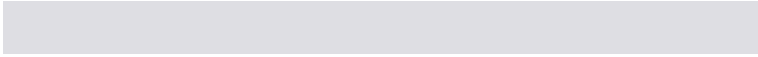
222, 222, 227



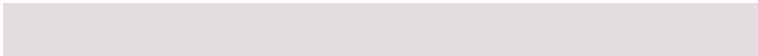
225, 222, 218

Square

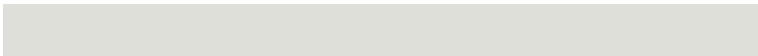
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222, 222, 227



228, 221, 221



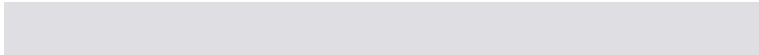
223, 223, 218



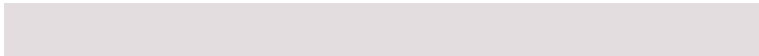
217, 224, 224

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222, 222, 227



227, 221, 224



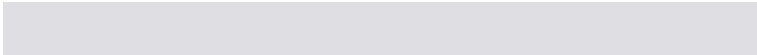
223, 223, 218



218, 224, 221

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



222, 222, 227



252, 252, 255



222, 227, 227



126, 126, 128



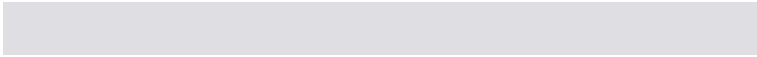
0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



222, 222, 227



247, 247, 255



225, 222, 227



110, 110, 115



0, 0, 179



0, 0, 51

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



227, 222, 227



255, 247, 255



225, 227, 222



115, 110, 115



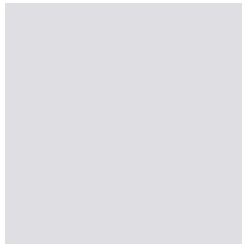
179, 0, 179



51, 0, 51

Previews

White Background



This preview shows how the RGB color 222, 222, 227 looks on a white background.

Color Contrast Check

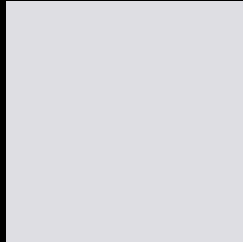
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 222, 222, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

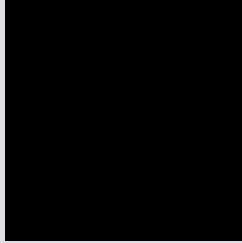
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

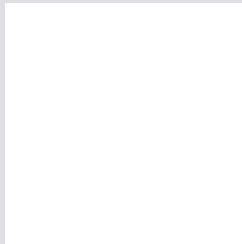
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 222, 222, 227 Background



This preview shows how black text looks on a background with the RGB color 222, 222, 227.

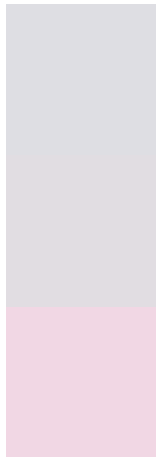


This preview shows how white text looks on a background with the RGB color 222, 222, 227.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
222, 222, 227

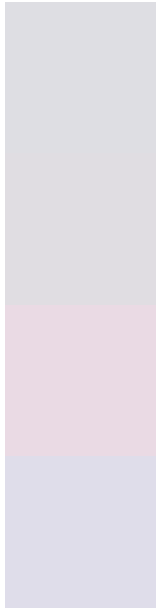
Protanopia
225, 221, 226

Deuteranopia
241, 215, 228



Tritanopia
224, 220, 238

Trichromacy



Original Color

222, 222, 227

Protanomaly

224, 221, 226

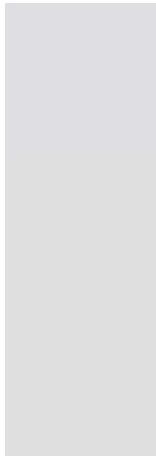
Deuteranomaly

234, 218, 228

Tritanomaly

223, 221, 234

Monochromacy



Original Color

222, 222, 227

Achromatopsia

223, 223, 223

Achromatomaly

223, 223, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 222, 227 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(222, 222, 227) looks like.

```
.text, #text, p{  
    color:rgb(222, 222, 227)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 222, 227) }
```

Border

The CSS property to change the border of an element to RGB 222, 222, 227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 222, 227) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 222, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 222, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(222, 222,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 222, 222, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 222, 227) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222,  
222, 227) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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