

Converting Colors

RGB(142, 172, 219)

Have a look what the booklet for
RGB(142, 172, 219) contains.

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Color

RGB(142, 172, 219)

Conversions

Conversions Part 1

Format	Color
Hex	8EACDB
RGB	142, 172, 219
RGB Percent	56%, 67%, 86%
CMY	0.4431, 0.3255, 0.1412
CMYK	0.35, 0.21, 0.00, 0.14
HSL	217°, 52%, 71%
HSV	217°, 35%, 86%
XYZ	38.6940, 40.3703, 72.7707
YIQ	168.3880, -32.9670, 8.2570

Conversions

Conversions Part 2

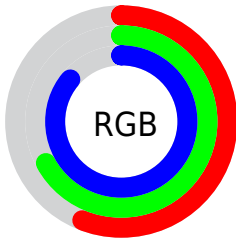
Format	Color
RYB	142, 164, 219
Decimal	9350363
CIELab	69.73, 1.03, -27.05
CIElCh	70, 27.067, 272.191
Yxy	40.3703, 0.2548, 0.2659
Android (android.graphics.Color)	4287540443 (0xFF8EACDB)
YUV	168.3880, 24.9517, -23.1423
Hunter-Lab	63.5376, -2.4854, -23.4295

Details

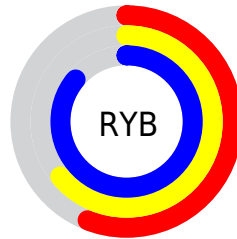
The RGB color **142, 172, 219** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **219, 189, 142**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **198, 227, 255**, and **89, 120, 164** is the 20% darker color. If you saturate the color by 10%, you get **120, 159, 219**, and if you desaturate by 10%, it is **164, 185, 219**.

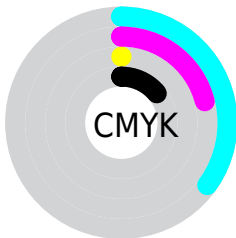
Distribution



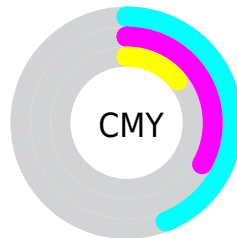
- Red (56%)
- Green (67%)
- Blue (86%)



- Red (56%)
- Yellow (64%)
- Blue (86%)



- Cyan (35%)
- Magenta (21%)
- Yellow (0%)
- Black (14%)



- Cyan (44%)
- Magenta (33%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 172, 219 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 142, 172, 219 by changing the saturation by 10% instead.

 142, 172, 219


255, 255, 255

 198, 227, 255

 226, 255, 255

 142, 172, 219

 115, 146, 191

 89, 120, 164


 62, 95, 137

 35, 72, 112

 0, 49, 87

 0, 29, 64

 0, 3, 42

 0, 1, 20

 0, 0, 0

■ 142, 172, 219

■ 142, 172, 219

■ 120, 159, 219

■ 164, 185, 219

■ 98, 145, 219

■ 186, 199, 219

■ 76, 132, 219

■ 208, 212, 219

■ 54, 119, 219

■ 230, 225, 219

■ 33, 105, 219

■ 252, 239, 219

■ 11, 92, 219

■ 255, 252, 219

■ 0, 85, 219

■ 255, 255, 219

Harmonies

Analogous

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



110, 179, 213



142, 172, 219



176, 163, 212

Triad

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



142, 172, 219



219, 154, 145



132, 182, 147

Complementary

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



142, 172, 219



219, 189, 142

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.



160, 177, 128



142, 172, 219



207, 161, 128

Square

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



142, 172, 219



218, 152, 169



186, 169, 121



106, 184, 171

Rectangle

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



142, 172, 219



196, 158, 201



186, 169, 121



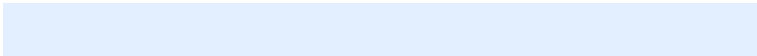
141, 180, 140

Sweetspot

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



142, 172, 219



227, 238, 255



142, 219, 188



111, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



142, 172, 219



148, 190, 255



150, 142, 219



99, 103, 110



0, 68, 173



0, 18, 46

Inverse Universe

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



219, 142, 172



255, 148, 190



211, 219, 142



110, 99, 103



173, 0, 68



46, 0, 18

Previews

White Background



This preview shows how the RGB color 142, 172, 219 looks on a white background.

Color Contrast Check

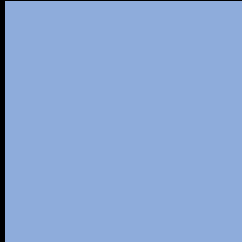
Large Text (above 18pt) WCAG AA × Fail

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 142, 172, 219 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

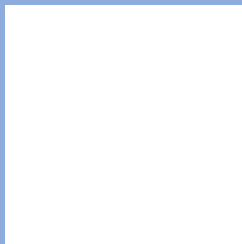
Any Text WCAG AAA ✓ Pass

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

RGB 142, 172, 219 Background



This preview shows how black text looks on a background with the RGB color 142, 172, 219.



This preview shows how white text looks on a background with the RGB color 142, 172, 219.

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
142, 172, 219

Protanopia
158, 168, 216

Deuteranopia
160, 167, 220



Tritanopia
135, 177, 191

Trichromacy



Original Color
142, 172, 219

Protanomaly
152, 169, 217

Deuteranomaly
153, 169, 220

Tritanomaly
138, 175, 201

Monochromacy



Original Color
142, 172, 219

Achromatopsia
168, 168, 168

Achromatomaly
159, 169, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 172, 219 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(142, 172, 219)` looks like.

```
.text, #text, p{  
    color:rgb(142, 172, 219)  
}
```

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(142, 172, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 172, 219) }
```

Border

The CSS property to change the border of an element to RGB 142, 172, 219 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(142, 172, 219) }
```

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

```
.border{ border-color:rgb(142, 172, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 172, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 172, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 172, 219);  
box-shadow:4px 4px 4px 4px rgb(142, 172,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 142, 172, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 172, 219) }
```

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

```
.background{ background-color: rgb(142,  
172, 219) }
```

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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