

Converting Colors

RGB(219, 219, 253)

Have a look what the booklet for
RGB(219, 219, 253) contains.

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Color

RGB(219, 219, 253)

Conversions

Conversions Part 1

Format	Color
Hex	DBDBFD
RGB	219, 219, 253
RGB Percent	86%, 86%, 99%
CMY	0.1412, 0.1412, 0.0078
CMYK	0.13, 0.13, 0.00, 0.01
HSL	240°, 89%, 93%
HSV	240°, 13%, 99%
XYZ	72.2746, 72.8150, 103.1739
YIQ	222.8760, -10.9140, 10.5740

Conversions

Conversions Part 2

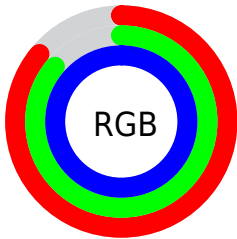
Format	Color
R _Y B	219, 219, 253
Decimal	14408701
CIE Lab	88.36, 6.55, -16.51
CIE LCh	88, 17.762, 291.629
Yxy	72.8150, 0.2911, 0.2933
Android (android.graphics.Color)	4292598781 (0xFFDBDBFD)
YUV	222.8760, 14.8511, -3.3993
Hunter-Lab	85.3317, 1.8562, -11.9549

Details

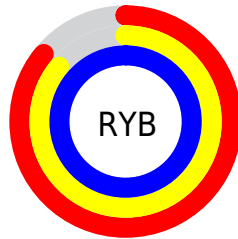
The RGB color **219, 219, 253** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **253, 253, 219**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 164, 196** is the 20% darker color. If you saturate the color by 10%, you get **194, 194, 253**, and if you desaturate by 10%, it is **244, 244, 253**.

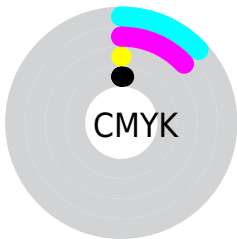
Distribution



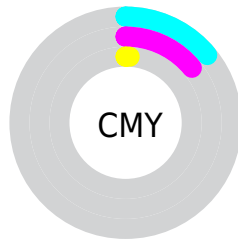
- Red (86%)
- Green (86%)
- Blue (99%)



- Red (86%)
- Yellow (86%)
- Blue (99%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 219, 253 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 219, 219, 253 by changing the saturation by 10% instead.

■ 219, 219, 253

255, 255, 255

■ 219, 219, 253

■ 191, 191, 224

■ 164, 164, 196

■ 137, 138, 169

■ 112, 112, 143

■ 87, 88, 117

■ 63, 65, 92

■ 40, 43, 69

■ 19, 22, 46

■ 0, 1, 26

219, 219, 253

219, 219, 253

194, 194, 253

244, 244, 253

168, 168, 253

255, 255, 253

143, 143, 253

118, 118, 253

92, 92, 253

67, 67, 253

42, 42, 253

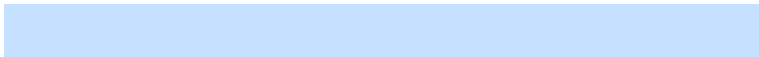
17, 17, 253

0, 0, 253

Harmonies

Analogous

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



198, 225, 255



219, 219, 253



239, 214, 243

Triad

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



219, 219, 253



253, 214, 196



186, 231, 216

Complementary

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



219, 219, 253



253, 253, 219

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.



203, 229, 200



219, 219, 253



240, 219, 189

Square

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



219, 219, 253



255, 211, 210



222, 224, 190



178, 232, 233

Rectangle

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



219, 219, 253



250, 211, 233



222, 224, 190



191, 231, 211

Sweetspot

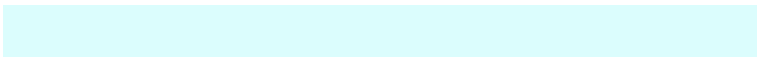
The Sweet Spot groups the original color and five complimentary colors.



219, 219, 253



245, 245, 255



219, 253, 253



121, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



219, 219, 253



214, 214, 255



236, 219, 253



115, 115, 128



0, 0, 191



0, 0, 64

Inverse Universe

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



253, 219, 253



255, 214, 255



236, 253, 219



128, 115, 128



191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RGB color 219, 219, 253 looks on a white background.

Color Contrast Check

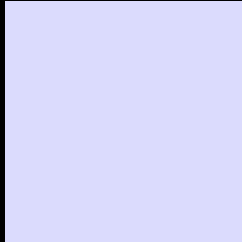
Large Text (above 18pt) WCAG AA × Fail

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 219, 219, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

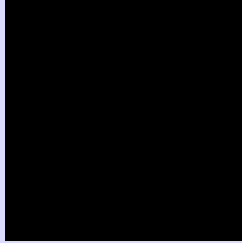
Any Text WCAG AA ✓ Pass

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 219, 219, 253 Background



This preview shows how black text looks on a background with the RGB color 219, 219, 253.



This preview shows how white text looks on a background with the RGB color 219, 219, 253.

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
219, 219, 253

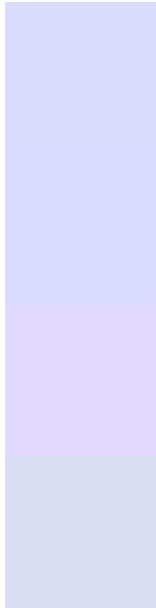
Protanopia
216, 220, 254

Deuteranopia
228, 216, 254



Tritanopia
217, 221, 239

Trichromacy



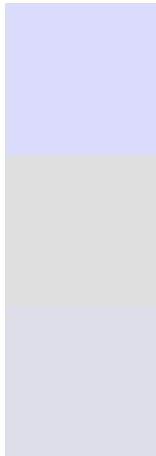
Original Color
219, 219, 253

Protanomaly
217, 220, 254

Deuteranomaly
225, 217, 254

Tritanomaly
218, 220, 244

Monochromacy



Original Color
219, 219, 253

Achromatopsia
223, 223, 223

Achromatomaly
222, 222, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 219, 253 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(219, 219, 253)` looks like.

```
.text, #text, p{  
    color:rgb(219, 219, 253)  
}
```

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(219, 219, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 219, 253) }
```

Border

The CSS property to change the border of an element to RGB 219, 219, 253 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(219, 219, 253) }
```

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

```
.border{ border-color:rgb(219, 219, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 219, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 219, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 219, 253);  
box-shadow:4px 4px 4px 4px rgb(219, 219,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 219, 219, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 219, 253) }
```

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

```
.background{ background-color: rgb(219,  
219, 253) }
```

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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