

Converting Colors

RGB(126, 213, 243)

Have a look what the booklet for
RGB(126, 213, 243) contains.

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Color

RGB(126, 213, 243)

Conversions

Conversions Part 1

Format	Color
Hex	7ED5F3
RGB	126, 213, 243
RGB Percent	49%, 84%, 95%
CMY	0.5059, 0.1647, 0.0471
CMYK	0.48, 0.12, 0.00, 0.05
HSL	195°, 83%, 72%
HSV	195°, 48%, 95%
XYZ	48.5761, 58.4952, 93.5245
YIQ	190.4070, -61.4820, -9.1140

Conversions

Conversions Part 2

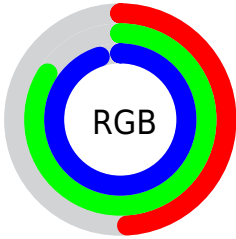
Format	Color
RYB	126, 176, 243
Decimal	8312307
CIELab	81.01, -18.40, -22.85
CIELCh	81, 29.340, 231.156
Yxy	58.4952, 0.2422, 0.2916
Android (android.graphics.Color)	4286502387 (0xFF7ED5F3)
YUV	190.4070, 25.9283, -56.4849
Hunter-Lab	76.4821, -20.4731, -18.9640

Details

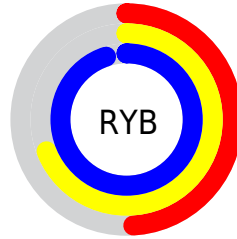
The RGB color **126, 213, 243** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **243, 156, 126**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **184, 255, 255**, and **66, 158, 187** is the 20% darker color. If you saturate the color by 10%, you get **102, 207, 243**, and if you desaturate by 10%, it is **150, 219, 243**.

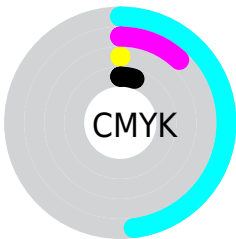
Distribution



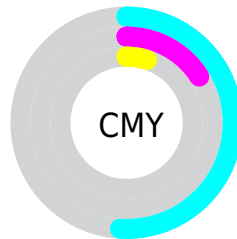
- Red (49%)
- Green (84%)
- Blue (95%)



- Red (49%)
- Yellow (69%)
- Blue (95%)



- Cyan (48%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (51%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 126, 213, 243 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 126, 213, 243 by changing the saturation by 10% instead.

 126, 213, 243


255, 255, 255


 184, 255, 255


 214, 255, 255

 244, 255, 255


 126, 213, 243

 97, 185, 215

 66, 158, 187


 27, 132, 160

 0, 107, 134

 0, 82, 108

 0, 59, 84

 0, 37, 61

 0, 10, 39

 0, 1, 17

 126, 213, 243


 126, 213, 243

 102, 207, 243


 150, 219, 243

 77, 201, 243

 175, 225, 243

 53, 194, 243

 199, 232, 243

 29, 188, 243

 223, 238, 243

 4, 182, 243

 247, 244, 243

 0, 181, 243

 255, 250, 243

 255, 255, 243

Harmonies

Analogous

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



121, 216, 220



126, 213, 243



156, 206, 255

Triad

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



126, 213, 243



250, 182, 210



201, 206, 150

Complementary

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



126, 213, 243



243, 156, 126

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.



229, 197, 147



126, 213, 243



255, 182, 183

Square

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



126, 213, 243



229, 188, 236



249, 188, 160



169, 212, 166

Rectangle

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



126, 213, 243



182, 200, 255



249, 188, 160



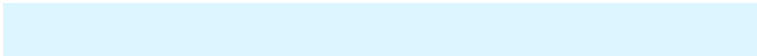
211, 203, 147

Sweetspot

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



126, 213, 243



219, 246, 255



126, 243, 155



106, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



126, 213, 243



107, 217, 255



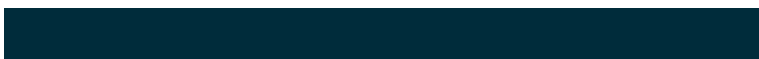
126, 155, 243



110, 119, 122



0, 138, 186



0, 44, 59

Inverse Universe

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



243, 126, 213



255, 107, 217



243, 214, 126



122, 110, 119



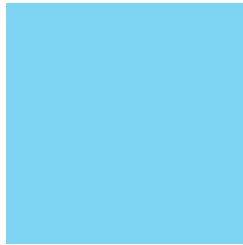
186, 0, 138



59, 0, 44

Previews

White Background



This preview shows how the RGB color 126, 213, 243 looks on a white background.

Color Contrast Check

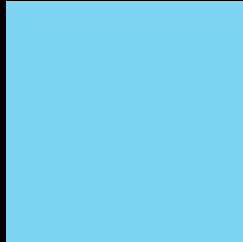
Large Text (above 18pt) WCAG AA × Fail

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 126, 213, 243 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 126, 213, 243 Background



This preview shows how black text looks on a background with the RGB color 126, 213, 243.

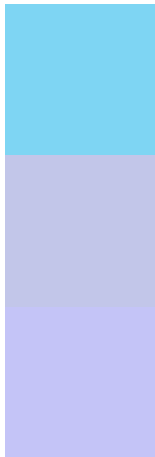


This preview shows how white text looks on a background with the RGB color 126, 213, 243.

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](#).

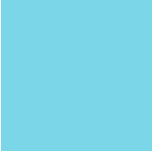
Dichromacy



Original Color
126, 213, 243

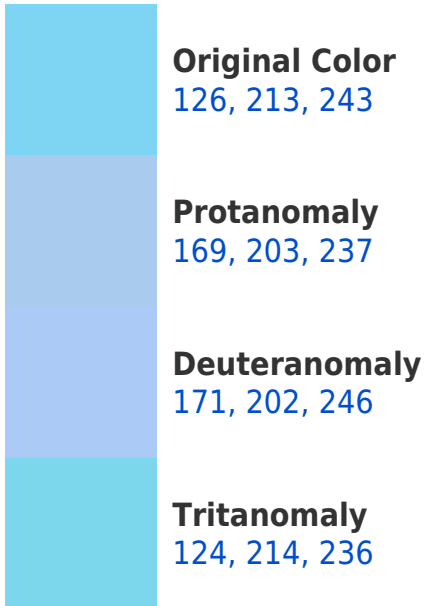
Protanopia
194, 198, 233

Deuteranopia
196, 196, 247

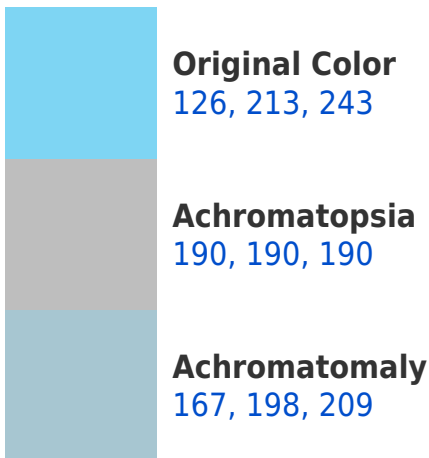


Tritanopia
123, 215, 232

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 213, 243 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(126, 213, 243)` looks like.

```
.text, #text, p{  
    color:rgb(126, 213, 243)  
}
```

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(126, 213, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 213, 243) }
```

Border

The CSS property to change the border of an element to RGB 126, 213, 243 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(126, 213, 243) }
```

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

```
.border{ border-color:rgb(126, 213, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 213, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 213, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 213, 243);  
box-shadow:4px 4px 4px 4px rgb(126, 213,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 126, 213, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 213, 243) }
```

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

```
.background{ background-color: rgb(126,  
213, 243) }
```

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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