

Converting Colors

RGB(77, 186, 246)

Have a look what the booklet for
RGB(77, 186, 246) contains.

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Color

RGB(77, 186, 246)

Conversions

Conversions Part 1

Format	Color
Hex	4DBAF6
RGB	77, 186, 246
RGB Percent	30%, 73%, 96%
CMY	0.6980, 0.2706, 0.0353
CMYK	0.69, 0.24, 0.00, 0.04
HSL	201°, 90%, 63%
HSV	201°, 69%, 96%
XYZ	37.2540, 43.3494, 93.5926
YIQ	160.2490, -84.2240, -4.4480

Conversions

Conversions Part 2

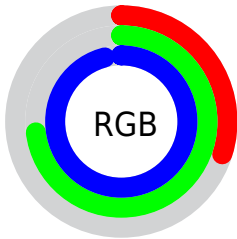
Format	Color
RYB	77, 143, 246
Decimal	5094134
CIELab	71.79, -12.50, -38.80
CIELCh	72, 40.760, 252.148
Yxy	43.3494, 0.2139, 0.2489
Android (android.graphics.Color)	4283284214 (0xFF4DBAF6)
YUV	160.2490, 42.2752, -73.0094
Hunter-Lab	65.8403, -14.2208, -38.1931

Details

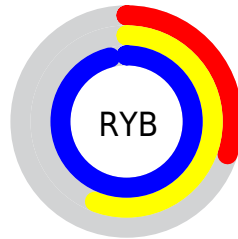
The RGB color **77, 186, 246** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **246, 137, 77**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **143, 242, 255**, and **0, 133, 189** is the 20% darker color. If you saturate the color by 10%, you get **52, 177, 246**, and if you desaturate by 10%, it is **102, 195, 246**.

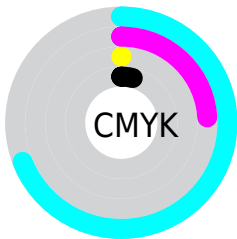
Distribution



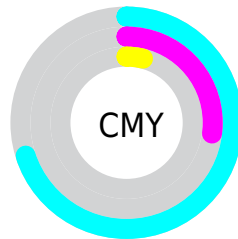
- Red (30%)
- Green (73%)
- Blue (96%)



- Red (30%)
- Yellow (56%)
- Blue (96%)



- Cyan (69%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



















- Cyan (70%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 77, 186, 246 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 77, 186, 246 by changing the saturation by 10% instead.

 77, 186, 246	 77, 186, 246
 255, 255, 255	 32, 159, 217
 143, 242, 255	 0, 133, 189
 174, 255, 255	 0, 108, 162
 205, 255, 255	 0, 84, 136
 235, 255, 255	 0, 61, 110
	 0, 39, 85
	 0, 17, 62
	 0, 3, 39
	 0, 1, 17

■ 77, 186, 246

■ 77, 186, 246

■ 52, 177, 246

■ 102, 195, 246

■ 28, 169, 246

■ 126, 203, 246

■ 3, 160, 246

■ 151, 212, 246

■ 0, 159, 246

■ 175, 221, 246

■ 200, 230, 246

■ 225, 238, 246

■ 249, 247, 246

■ 255, 255, 246

Harmonies

Analogous

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



0, 193, 225



77, 186, 246



146, 174, 248

Triad

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



77, 186, 246



248, 147, 162



144, 188, 119

Complementary

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



77, 186, 246



246, 137, 77

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.



185, 179, 102



77, 186, 246



242, 154, 128

Square

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



77, 186, 246



234, 150, 200



219, 166, 105



96, 194, 152

Rectangle

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



77, 186, 246



183, 165, 239



219, 166, 105



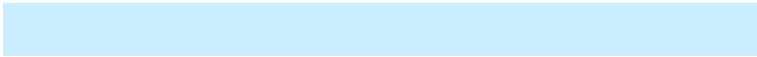
158, 185, 111

Sweetspot

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



77, 186, 246



201, 236, 255



77, 246, 136



96, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



77, 186, 246



46, 181, 255



77, 102, 246



110, 118, 122



0, 120, 186



0, 38, 59

Inverse Universe

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



246, 77, 186



255, 46, 181



246, 221, 77



122, 110, 118



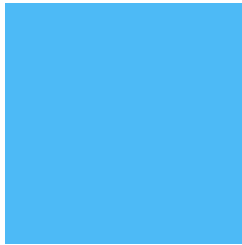
186, 0, 120



59, 0, 38

Previews

White Background



This preview shows how the RGB color 77, 186, 246 looks on a white background.

Color Contrast Check

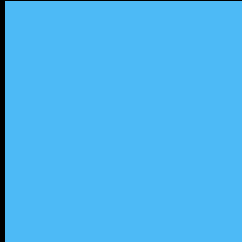
Large Text (above 18pt) WCAG AA × Fail

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 77, 186, 246 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

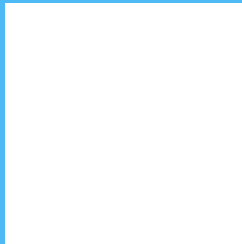
Any Text WCAG AAA ✓ Pass

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

RGB 77, 186, 246 Background



This preview shows how black text looks on a background with the RGB color 77, 186, 246.

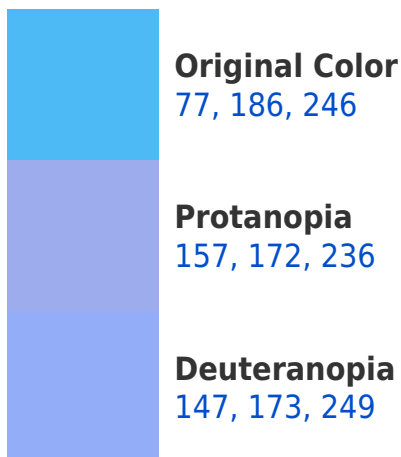


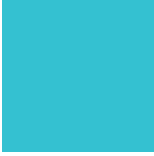
This preview shows how white text looks on a background with the RGB color 77, 186, 246.

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](#).

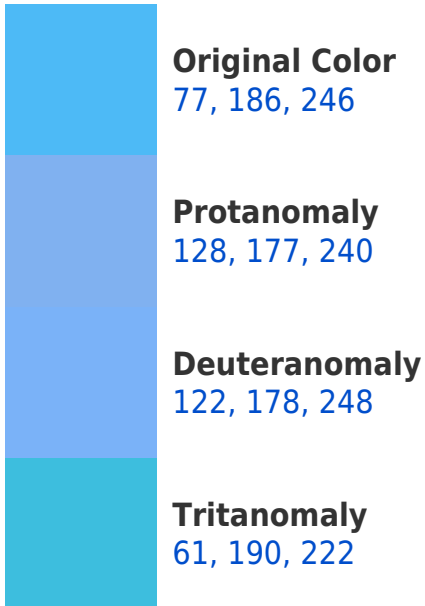
Dichromacy



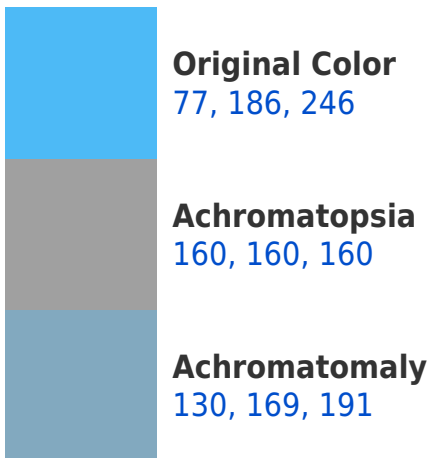


Tritanopia
52, 193, 209

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 77, 186, 246 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(77, 186, 246)` looks like.

```
.text, #text, p{  
    color:rgb(77, 186, 246)  
}
```

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(77, 186, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 186, 246) }
```

Border

The CSS property to change the border of an element to RGB 77, 186, 246 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(77, 186, 246) }
```

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

```
.border{ border-color:rgb(77, 186, 246) }
```

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

Here you see how a box with a 4 pixel rgb(77, 186, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 186, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 186, 246);  
box-shadow:4px 4px 4px 4px rgb(77, 186,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 77, 186, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 186, 246) }
```

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

```
.background{ background-color: rgb(77, 186,  
246) }
```

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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