

Converting Colors

RGB(90, 187, 245)

Have a look what the booklet for
RGB(90, 187, 245) contains.

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Color

RGB(90, 187, 245)

Conversions

Conversions Part 1

Format	Color
Hex	5ABBF5
RGB	90, 187, 245
RGB Percent	35%, 73%, 96%
CMY	0.6471, 0.2667, 0.0392
CMYK	0.63, 0.24, 0.00, 0.04
HSL	202°, 89%, 66%
HSV	202°, 63%, 96%
XYZ	38.4682, 44.3069, 92.9108
YIQ	164.6090, -76.4300, -2.5260

Conversions

Conversions Part 2

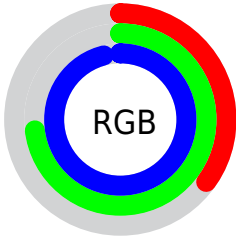
Format	Color
RYB	90, 150, 245
Decimal	5946357
CIELab	72.43, -11.33, -37.23
CIELCh	72, 38.914, 253.075
Yxy	44.3069, 0.2190, 0.2522
Android (android.graphics.Color)	4284136437 (0xFF5ABBF5)
YUV	164.6090, 39.6328, -65.4321
Hunter-Lab	66.5634, -13.3276, -36.1640

Details

The RGB color **90, 187, 245** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **245, 148, 90**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **153, 243, 255**, and **0, 134, 188** is the 20% darker color. If you saturate the color by 10%, you get **66, 178, 245**, and if you desaturate by 10%, it is **114, 196, 245**.

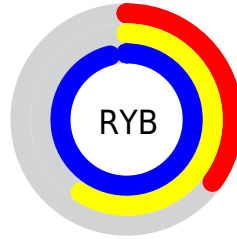
Distribution



Red (35%)

Green (73%)

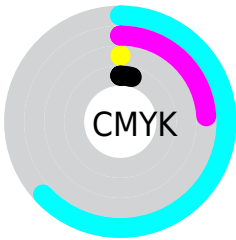
Blue (96%)



Red (35%)

Yellow (59%)

Blue (96%)

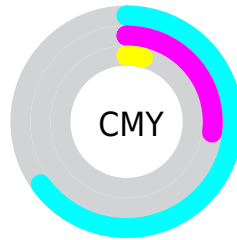


Cyan (63%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (65%)

















Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 187, 245 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 90, 187, 245 by changing the saturation by 10% instead.

 90, 187, 245	 90, 187, 245
 255, 255, 255	 54, 160, 216
 153, 243, 255	 0, 134, 188
 183, 255, 255	 0, 109, 161
 213, 255, 255	 0, 85, 135
 244, 255, 255	 0, 61, 109
	 0, 40, 85
	 0, 20, 61
	 0, 3, 39
	 0, 1, 16

■ 90, 187, 245

■ 90, 187, 245

■ 66, 178, 245

■ 114, 196, 245

■ 41, 169, 245

■ 139, 205, 245

■ 17, 159, 245

■ 164, 215, 245

■ 0, 153, 245

■ 188, 224, 245

■ 213, 233, 245

■ 237, 242, 245

■ 255, 251, 245

■ 255, 255, 245

Harmonies

Analogous

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



27, 194, 225



90, 187, 245



152, 176, 247

Triad

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



90, 187, 245



247, 150, 163



146, 190, 124

Complementary

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



90, 187, 245



245, 148, 90

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.



186, 180, 107



90, 187, 245



241, 157, 131

Square

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



90, 187, 245



234, 153, 199



219, 169, 110



101, 195, 156

Rectangle

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



90, 187, 245



187, 167, 237



219, 169, 110



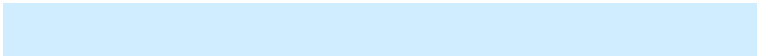
160, 187, 117

Sweetspot

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



90, 187, 245



207, 237, 255



90, 245, 147



98, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



90, 187, 245



61, 182, 255



90, 111, 245



110, 118, 122



0, 116, 186



0, 37, 59

Inverse Universe

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



245, 90, 187



255, 61, 182



245, 224, 90



122, 110, 118



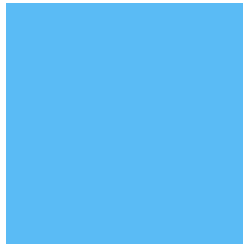
186, 0, 116



59, 0, 37

Previews

White Background



This preview shows how the RGB color 90, 187, 245 looks on a white background.

Color Contrast Check

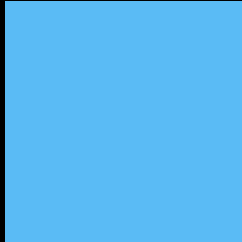
Large Text (above 18pt) WCAG AA × Fail

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 90, 187, 245 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

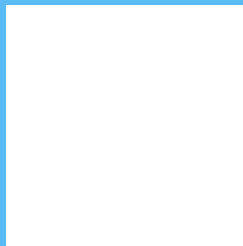
Any Text WCAG AAA ✓ Pass

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

RGB 90, 187, 245 Background



This preview shows how black text looks on a background with the RGB color 90, 187, 245.

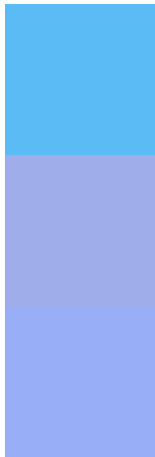


This preview shows how white text looks on a background with the RGB color 90, 187, 245.

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](#).

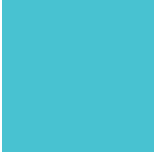
Dichromacy



Original Color
90, 187, 245

Protanopia
159, 174, 235

Deuteranopia
152, 175, 248



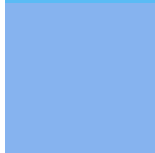
Tritanopia
72, 194, 209

Trichromacy



Original Color

90, 187, 245



Protanomaly

134, 179, 239



Deuteranomaly

129, 179, 247



Tritanomaly

79, 191, 222

Monochromacy



Original Color

90, 187, 245



Achromatopsia

165, 165, 165



Achromatomaly

138, 173, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 187, 245 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(90, 187, 245) looks like.

```
.text, #text, p{  
    color:rgb(90, 187, 245)  
}
```

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(90, 187, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 187, 245) }
```

Border

The CSS property to change the border of an element to RGB 90, 187, 245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

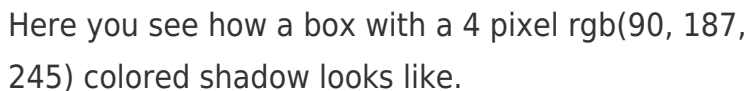
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(90, 187, 245) }
```

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

```
.border{ border-color:rgb(90, 187, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(90, 187, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 187, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 187, 245);  
box-shadow:4px 4px 4px 4px rgb(90, 187,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 90, 187, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 187, 245) }
```

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

```
.background{ background-color: rgb(90, 187,  
245) }
```

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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