

Converting Colors

RGB(90, 196, 253)

Have a look what the booklet for
RGB(90, 196, 253) contains.

RGB(90, 196, 253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(90, 196, 253)

Conversions

Conversions Part 1

Format	Color
Hex	5AC4FD
RGB	90, 196, 253
RGB Percent	35%, 77%, 99%
CMY	0.6471, 0.2314, 0.0078
CMYK	0.64, 0.23, 0.00, 0.01
HSL	201°, 98%, 67%
HSV	201°, 64%, 99%
XYZ	41.6860, 48.7454, 100.1402
YIQ	170.8040, -81.4730, -4.7450

Conversions

Conversions Part 2

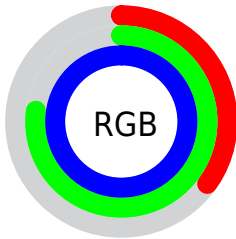
Format	Color
R_{YB}	90, 154, 253
Decimal	5948669
CIE _{Lab}	75.29, -13.62, -37.10
CIE _{LCh}	75, 39.516, 249.844
Y _{xy}	48.7454, 0.2187, 0.2558
Android (android.graphics.Color)	4284138749 (0xFF5AC4FD)
YUV	170.8040, 40.5226, -70.8651
Hunter-Lab	69.8179, -15.6047, -36.1675

Details

The RGB color **90, 196, 253** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **253, 147, 90**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **154, 253, 255**, and **0, 142, 196** is the 20% darker color. If you saturate the color by 10%, you get **65, 187, 253**, and if you desaturate by 10%, it is **115, 205, 253**.

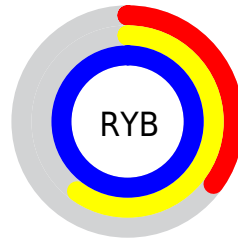
Distribution



Red (35%)

Green (77%)

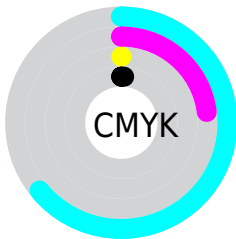
Blue (99%)



Red (35%)

Yellow (60%)

Blue (99%)

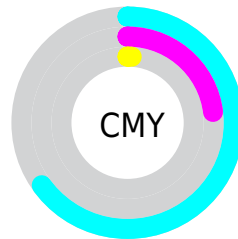


Cyan (64%)

Magenta (23%)

Yellow (0%)

Black (1%)



Cyan (65%)


Magenta (23%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 196, 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 90, 196, 253 by changing the saturation by 10% instead.

 90, 196, 253


255, 255, 255


 154, 253, 255

 185, 255, 255


 215, 255, 255

 246, 255, 255

 90, 196, 253

 52, 169, 224

 0, 142, 196

 0, 117, 169

 0, 92, 142

 0, 69, 116

 0, 47, 91

 0, 27, 67

 0, 3, 45

 0, 1, 23

■ 90, 196, 253

■ 90, 196, 253

■ 65, 187, 253

■ 115, 205, 253

■ 39, 178, 253

■ 141, 214, 253

■ 14, 169, 253

■ 166, 223, 253

■ 0, 165, 253

■ 191, 231, 253

■ 217, 240, 253

■ 242, 249, 253

255, 255, 253

Harmonies

Analogous

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



35, 203, 231



90, 196, 253



153, 185, 255

Triad

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



90, 196, 253



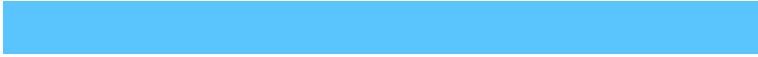
255, 157, 175



158, 197, 128

Complementary

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



90, 196, 253



253, 147, 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.



198, 187, 113



90, 196, 253



252, 163, 141

Square

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



90, 196, 253



241, 161, 211



231, 175, 118



113, 203, 159

Rectangle

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



90, 196, 253



189, 176, 249



231, 175, 118



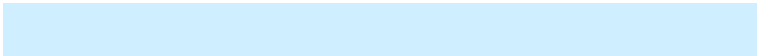
172, 194, 121

Sweetspot

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



90, 196, 253



207, 238, 255



90, 253, 144



98, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



90, 196, 253



59, 186, 255



90, 117, 253



115, 123, 128



0, 124, 191



0, 41, 64

Inverse Universe

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



253, 90, 196



255, 59, 186



253, 226, 90



128, 115, 123



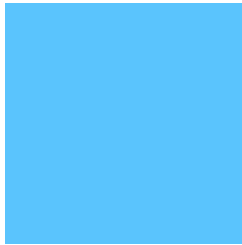
191, 0, 124



64, 0, 41

Previews

White Background



This preview shows how the RGB color 90, 196, 253 looks on a white background.

Color Contrast Check

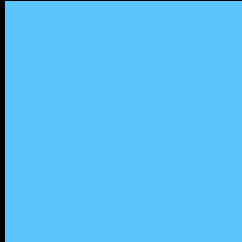
Large Text (above 18pt) WCAG AA × Fail

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 90, 196, 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

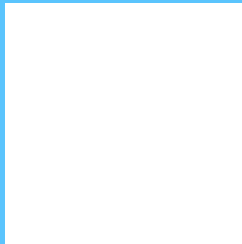
Any Text WCAG AAA ✓ Pass

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

RGB 90, 196, 253 Background



This preview shows how black text looks on a background with the RGB color 90, 196, 253.

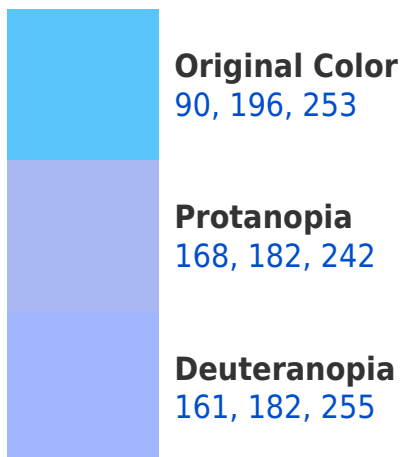


This preview shows how white text looks on a background with the RGB color 90, 196, 253.

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





Tritanopia
72, 202, 219

Trichromacy



Original Color
90, 196, 253



Protanomaly
140, 187, 246



Deuteranomaly
135, 187, 254



Tritanomaly
79, 200, 231

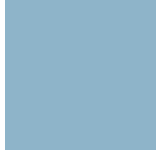
Monochromacy



Original Color
90, 196, 253



Achromatopsia
171, 171, 171



Achromatomaly
142, 180, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 196, 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(90, 196, 253) looks like.

```
.text, #text, p{  
    color:rgb(90, 196, 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(90, 196, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 196, 253) }
```

Border

The CSS property to change the border of an element to RGB 90, 196, 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(90, 196, 253) }
```

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

```
.border{ border-color:rgb(90, 196, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 196, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 196, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 196, 253);  
box-shadow:4px 4px 4px 4px rgb(90, 196,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 90, 196, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 196, 253) }
```

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

```
.background{ background-color: rgb(90, 196,  
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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