

Converting Colors

RGB(90, 217, 255)

Have a look what the booklet for
RGB(90, 217, 255) contains.

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Color

RGB(90, 217, 255)

Conversions

Conversions Part 1

Format	Color
Hex	5AD9FF
RGB	90, 217, 255
RGB Percent	35%, 85%, 100%
CMY	0.6471, 0.1490, 0.0000
CMYK	0.65, 0.15, 0.00, 0.00
HSL	194°, 100%, 68%
HSV	194°, 65%, 100%
XYZ	47.0793, 59.0194, 103.5183
YIQ	183.3590, -87.8900, -15.1060

Conversions

Conversions Part 2

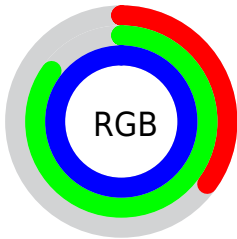
Format	Color
RYB	90, 162, 255
Decimal	5954047
CIELab	81.30, -23.80, -28.90
CIElCh	81, 37.434, 230.529
Yxy	59.0194, 0.2246, 0.2816
Android (android.graphics.Color)	4284144127 (0xFF5AD9FF)
YUV	183.3590, 35.3190, -81.8758
Hunter-Lab	76.8241, -25.0538, -26.1148

Details

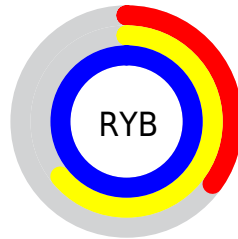
The RGB color **90, 217, 255** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **255, 128, 90**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **155, 255, 255**, and **0, 162, 198** is the 20% darker color. If you saturate the color by 10%, you get **65, 211, 255**, and if you desaturate by 10%, it is **116, 223, 255**.

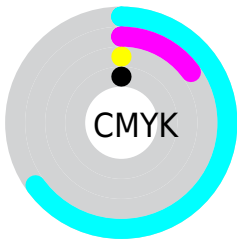
Distribution



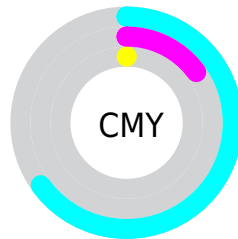
- Red (35%)
- Green (85%)
- Blue (100%)



- Red (35%)
- Yellow (64%)
- Blue (100%)



- Cyan (65%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



















- Cyan (65%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 217, 255 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, 217, 255 by changing the saturation by 10% instead.

 90, 217, 255	 90, 217, 255
 255, 255, 255	 50, 189, 226
 155, 255, 255	 0, 162, 198
 186, 255, 255	 0, 136, 171
 217, 255, 255	 0, 110, 144
 248, 255, 255	 0, 85, 118
	 0, 62, 94
	 0, 40, 70
	 0, 13, 47
	 0, 1, 26

■ 90, 217, 255

■ 90, 217, 255

■ 65, 211, 255

■ 116, 223, 255

■ 39, 205, 255

■ 141, 229, 255

■ 14, 199, 255

■ 167, 235, 255

■ 0, 196, 255

■ 192, 240, 255

■ 218, 246, 255

■ 243, 252, 255

255, 255, 255

Harmonies

Analogous

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



85, 221, 225



90, 217, 255



137, 209, 255

Triad

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



90, 217, 255



255, 176, 215



201, 207, 135

Complementary

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



90, 217, 255



255, 128, 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.



236, 196, 133



90, 217, 255



255, 176, 179

Square

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



90, 217, 255



236, 185, 247



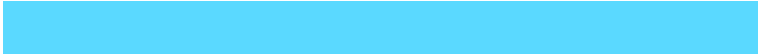
255, 184, 149



161, 216, 156

Rectangle

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



90, 217, 255



173, 201, 255



255, 184, 149



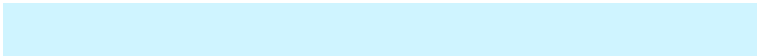
214, 204, 132

Sweetspot

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



90, 217, 255



207, 244, 255



90, 255, 126



98, 121, 128



0, 0, 0



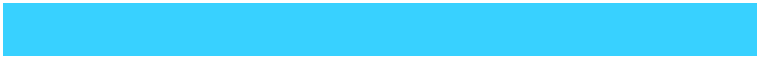
128, 128, 128

Same Dimension

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



90, 217, 255



56, 209, 255



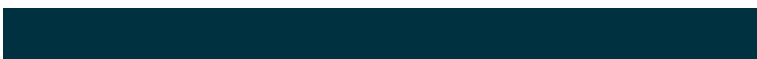
90, 137, 255



115, 125, 128



0, 147, 191



0, 49, 64

Inverse Universe

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



255, 90, 217



255, 56, 209



255, 208, 90



128, 115, 125



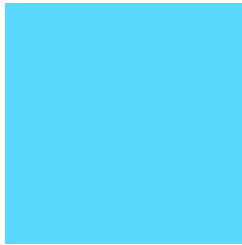
191, 0, 147



64, 0, 49

Previews

White Background



This preview shows how the RGB color 90, 217, 255 looks on a white background.

Color Contrast Check

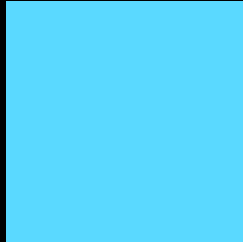
Large Text (above 18pt) WCAG AA × Fail

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, 217, 255 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, 217, 255 Background



This preview shows how black text looks on a background with the RGB color 90, 217, 255.



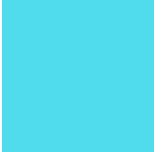
This preview shows how white text looks on a background with the RGB color 90, 217, 255.

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
81, 220, 238

Trichromacy



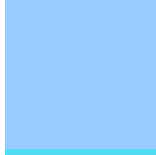
Original Color

90, 217, 255



Protanomaly

154, 206, 247



Deuteranomaly

154, 204, 255



Tritanomaly

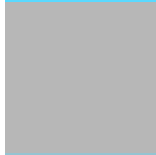
84, 219, 244

Monochromacy



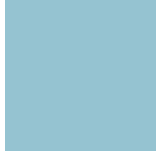
Original Color

90, 217, 255



Achromatopsia

183, 183, 183



Achromatomaly

149, 195, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 217, 255 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, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(90, 217, 255)  
}
```

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, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 217, 255) }
```

Border

The CSS property to change the border of an element to RGB 90, 217, 255 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, 217, 255) }
```

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

```
.border{ border-color:rgb(90, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(90, 217,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 90, 217, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 217, 255) }
```

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

```
.background{ background-color: rgb(90, 217,  
255) }
```

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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