

Converting Colors

RGB(44, 190, 242)

Have a look what the booklet for
RGB(44, 190, 242) contains.

RGB(44, 190, 242)	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(44, 190, 242)

Conversions

Conversions Part 1

Format	Color
Hex	2CBEF2
RGB	44, 190, 242
RGB Percent	17%, 75%, 95%
CMY	0.8275, 0.2549, 0.0510
CMYK	0.82, 0.21, 0.00, 0.05
HSL	196°, 88%, 56%
HSV	196°, 82%, 95%
XYZ	35.4792, 43.7732, 90.5835
YIQ	152.2740, -103.7080, -14.7800

Conversions

Conversions Part 2

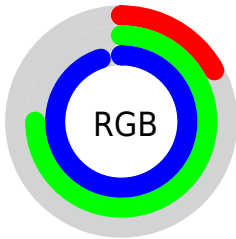
Format	Color
R _Y B	44, 128, 242
Decimal	2932466
CIE Lab	72.08, -19.63, -36.25
CIE LCh	72, 41.220, 241.560
Yxy	43.7732, 0.2089, 0.2577
Android (android.graphics.Color)	4281122546 (0xFF2CBEF2)
YUV	152.2740, 44.2349, -94.9563
Hunter-Lab	66.1613, -20.0612, -34.8629

Details

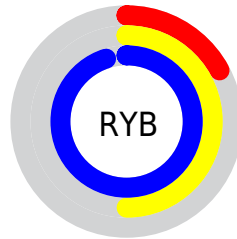
The RGB color **44, 190, 242** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **242, 96, 44**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **123, 246, 255**, and **0, 137, 186** is the 20% darker color. If you saturate the color by 10%, you get **20, 184, 242**, and if you desaturate by 10%, it is **68, 196, 242**.

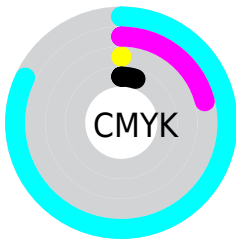
Distribution



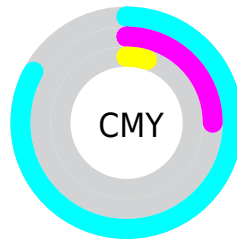
- Red (17%)
- Green (75%)
- Blue (95%)



- Red (17%)
- Yellow (50%)
- Blue (95%)



- Cyan (82%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)




















- Cyan (83%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 44, 190, 242 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 44, 190, 242 by changing the saturation by 10% instead.

 44, 190, 242	 44, 190, 242
 255, 255, 255	 0, 163, 213
 123, 246, 255	 0, 137, 186
 155, 255, 255	 0, 111, 159
 187, 255, 255	 0, 87, 132
 218, 255, 255	 0, 63, 107
 250, 255, 255	 0, 41, 82
	 0, 18, 59
	 0, 2, 37
	 0, 1, 13

■ 44, 190, 242

■ 44, 190, 242

■ 20, 184, 242

■ 68, 196, 242

■ 0, 178, 242

■ 92, 203, 242

■ 117, 209, 242

■ 141, 215, 242

■ 165, 222, 242

■ 189, 228, 242

■ 213, 234, 242

■ 238, 241, 242

■ 255, 247, 242

Harmonies

Analogous

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



0, 196, 215



44, 190, 242



123, 180, 252

Triad

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



44, 190, 242



247, 147, 176



160, 186, 111

Complementary

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



44, 190, 242



242, 96, 44

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.



199, 175, 100



44, 190, 242



248, 151, 139

Square

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



44, 190, 242



226, 153, 213



230, 162, 111



114, 193, 140

Rectangle

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



44, 190, 242



165, 171, 247



230, 162, 111



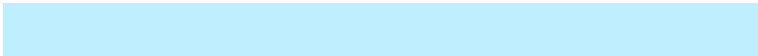
174, 183, 105

Sweetspot

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



44, 190, 242



191, 238, 255



44, 242, 94



89, 117, 128



0, 0, 0



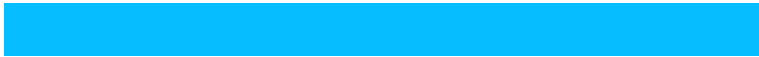
128, 128, 128

Same Dimension

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



44, 190, 242



5, 189, 255



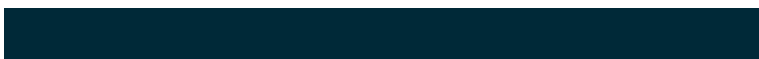
44, 94, 242



108, 117, 120



0, 135, 184



0, 41, 56

Inverse Universe

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



242, 44, 190



255, 5, 189



242, 192, 44



120, 108, 117



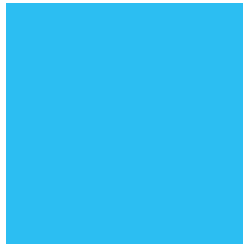
184, 0, 135



56, 0, 41

Previews

White Background



This preview shows how the RGB color 44, 190, 242 looks on a white background.

Color Contrast Check

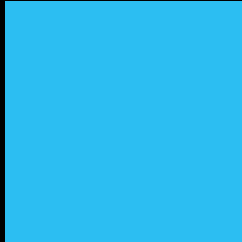
Large Text (above 18pt) WCAG AA × Fail

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 44, 190, 242 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 44, 190, 242 Background



This preview shows how black text looks on a background with the RGB color 44, 190, 242.

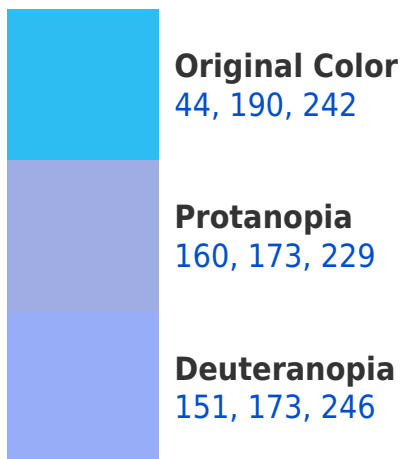


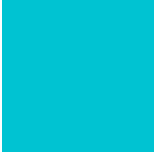
This preview shows how white text looks on a background with the RGB color 44, 190, 242.

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
0, 195, 210

Trichromacy



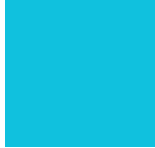
Original Color
44, 190, 242



Protanomaly
118, 179, 234



Deuteranomaly
112, 179, 245



Tritanomaly
16, 193, 222

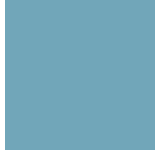
Monochromacy



Original Color
44, 190, 242



Achromatopsia
152, 152, 152



Achromatomaly
113, 166, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 44, 190, 242 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(44, 190, 242)` looks like.

```
.text, #text, p{  
    color:rgb(44, 190, 242)  
}
```

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(44, 190, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 190, 242) }
```

Border

The CSS property to change the border of an element to RGB 44, 190, 242 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(44, 190, 242) }
```

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

```
.border{ border-color:rgb(44, 190, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 190, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 190, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 190, 242);  
box-shadow:4px 4px 4px 4px rgb(44, 190,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 44, 190, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 190, 242) }
```

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

```
.background{ background-color: rgb(44, 190,  
242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor