

Converting Colors

RGB(37, 155, 218)

Have a look what the booklet for
RGB(37, 155, 218) contains.

RGB(37, 155, 218)	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(37, 155, 218)

Conversions

Conversions Part 1

Format	Color
Hex	259BDA
RGB	37, 155, 218
RGB Percent	15%, 61%, 85%
CMY	0.8549, 0.3922, 0.1451
CMYK	0.83, 0.29, 0.00, 0.15
HSL	201°, 71%, 50%
HSV	201°, 83%, 85%
XYZ	25.1392, 28.8980, 70.5826
YIQ	126.9000, -90.5510, -5.4230

Conversions

Conversions Part 2

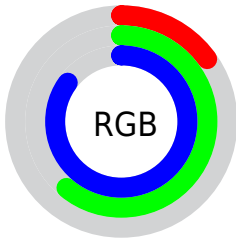
Format	Color
R_{YB}	37, 108, 218
Decimal	2464730
CIE _{Lab}	60.69, -9.61, -40.86
CIE _{LCh}	61, 41.981, 256.761
Yxy	28.8980, 0.2017, 0.2319
Android (android.graphics.Color)	4280654810 (0xFF259BDA)
YUV	126.9000, 44.9123, -78.8423
Hunter-Lab	53.7568, -10.5996, -40.2178

Details

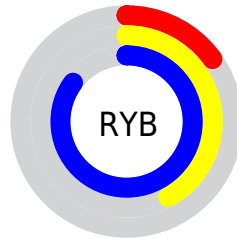
The RGB color **37, 155, 218** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **218, 100, 37**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **113, 209, 255**, and **0, 104, 163** is the 20% darker color. If you saturate the color by 10%, you get **15, 147, 218**, and if you desaturate by 10%, it is **59, 163, 218**.

Distribution



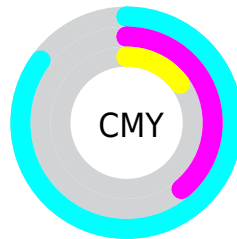
- Red (15%)
- Green (61%)
- Blue (85%)



- Red (15%)
- Yellow (42%)
- Blue (85%)



- Cyan (83%)
- Magenta (29%)
- Yellow (0%)
- Black (15%)




















- Cyan (85%)
- Magenta (39%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 37, 155, 218 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 37, 155, 218 by changing the saturation by 10% instead.

 37, 155, 218	 37, 155, 218
 255, 255, 255	 0, 129, 190
 113, 209, 255	 0, 104, 163
 145, 238, 255	 0, 80, 136
 176, 255, 255	 0, 57, 110
 206, 255, 255	 0, 36, 86
 237, 255, 255	 0, 11, 62
	 0, 3, 39
	 0, 1, 17
	 0, 0, 0

■ 37, 155, 218

■ 37, 155, 218

■ 15, 147, 218

■ 59, 163, 218

■ 0, 142, 218

■ 81, 170, 218

■ 102, 178, 218

■ 124, 185, 218

■ 146, 193, 218

■ 168, 201, 218

■ 190, 208, 218

■ 211, 216, 218

■ 233, 223, 218

Harmonies

Analogous

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



0, 163, 199



37, 155, 218



123, 143, 217

Triad

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



37, 155, 218



217, 117, 127



107, 160, 94

Complementary

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



37, 155, 218



218, 100, 37

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.



149, 151, 73



37, 155, 218



208, 125, 94

Square

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



37, 155, 218



207, 118, 164



183, 139, 73



48, 164, 128

Rectangle

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



37, 155, 218



161, 133, 206



183, 139, 73



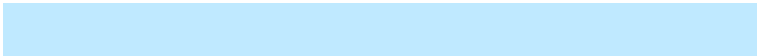
122, 157, 85

Sweetspot

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



37, 155, 218



191, 233, 255



37, 218, 97



89, 114, 128



0, 0, 0



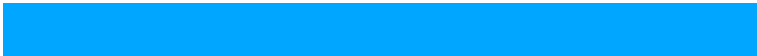
128, 128, 128

Same Dimension

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



37, 155, 218



0, 166, 255



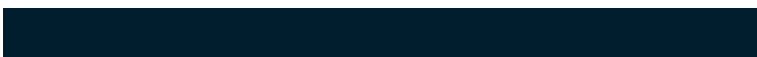
37, 67, 218



99, 106, 110



0, 113, 173



0, 30, 46

Inverse Universe

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



218, 37, 155



255, 0, 166



218, 188, 37



110, 99, 106



173, 0, 113



46, 0, 30

Previews

White Background



This preview shows how the RGB color 37, 155, 218 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 37, 155, 218 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 × Fail

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

RGB 37, 155, 218 Background



This preview shows how black text looks on a background with the RGB color 37, 155, 218.

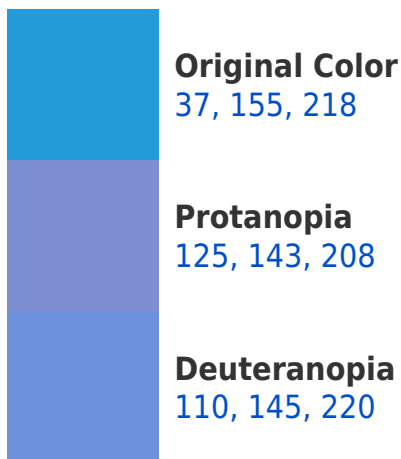


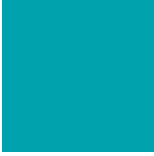
This preview shows how white text looks on a background with the RGB color 37, 155, 218.

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, 162, 174

Trichromacy



Original Color
37, 155, 218

Protanomaly
93, 147, 212

Deuteranomaly
83, 149, 219

Tritanomaly
13, 159, 190

Monochromacy



Original Color
37, 155, 218

Achromatopsia
127, 127, 127

Achromatomaly
94, 137, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 37, 155, 218 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(37, 155, 218)` looks like.

```
.text, #text, p{  
    color:rgb(37, 155, 218)  
}
```

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(37, 155, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 155, 218) }
```

Border

The CSS property to change the border of an element to RGB 37, 155, 218 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(37, 155, 218) }
```

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

```
.border{ border-color:rgb(37, 155, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 155, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 155, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 155, 218);  
box-shadow:4px 4px 4px 4px rgb(37, 155,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 37, 155, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 155, 218) }
```

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

```
.background{ background-color: rgb(37, 155,  
218) }
```

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