

Converting Colors

Hex(215BEB)

Have a look what the booklet for
Hex(215BEB) contains.

Hex(215BEB)	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

Hex(215BEB)

Conversions

Conversions Part 1

Format	Color
Hex	215BEB
RGB	33, 91, 235
RGB Percent	13%, 36%, 92%
CMY	0.8706, 0.6431, 0.0784
CMYK	0.86, 0.61, 0.00, 0.08
HSL	223°, 83%, 53%
HSV	223°, 86%, 92%
XYZ	19.3637, 13.8037, 80.2411
YIQ	90.0740, -80.7920, 32.4880

Conversions

Conversions Part 2

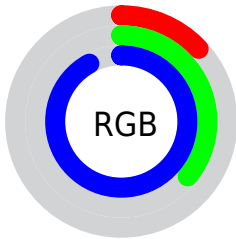
Format	Color
R _Y B	33, 78, 235
Decimal	2186219
CIE Lab	43.95, 35.80, -77.29
CIE LCh	44, 85.179, 294.854
Yxy	13.8037, 0.1707, 0.1217
Android (android.graphics.Color)	4280376299 (0xFF215BEB)
YUV	90.0740, 71.4485, -50.0539
Hunter-Lab	37.1533, 28.0130, -102.0431

Details

The Hex color **215BEB** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **EBB121**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **758DFF**, and **002FB2** is the 20% darker color. If you saturate the color by 10%, you get **0A4AEB**, and if you desaturate by 10%, it is **386CEB**.

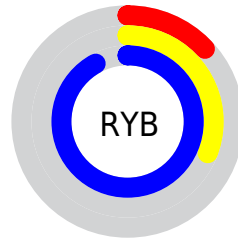
Distribution



Red (13%)

Green (36%)

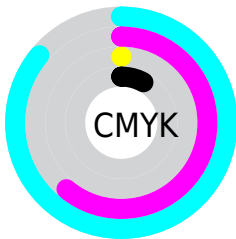
Blue (92%)



Red (13%)

Yellow (31%)

Blue (92%)

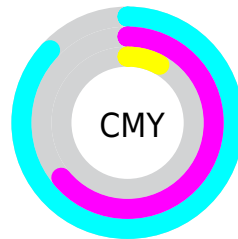


Cyan (86%)

Magenta (61%)

Yellow (0%)

Black (8%)



Cyan (87%)


Magenta (64%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215BEB 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 Hex color 215BEB by changing the saturation by 10% instead.

 215BEB

 215BEB

FFFFFF

 0044CE

 758DFF

 002FB2

 96A7FF

 001C96

 B5C2FF

 00097C

 D5DEFF

 000862

 F4FAFF

 000949

 000431

 00011B

 000000

■ 215BEB

■ 215BEB

■ 0A4AEB

■ 386CEB

■ 0043EB

■ 507DEB

■ 688DEB

■ 7F9EEB

■ 96AFEB

■ AEC0EB

■ C6D0EB

■ DDE1EB

■ F4F2EB

Harmonies

Analogous

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



0076F8



215BEB



AD25BB

Triad

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



215BEB



BC3C00



008359

Complementary

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



215BEB



EBB121

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.



007E00



215BEB



896100

Square

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



215BEB



DA0032



457500



0084A2

Rectangle

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



215BEB



CF008F



457500



008240

Sweetspot

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



215BEB



BDD0FF



21EBAE



586380



000000



808080

Same Dimension

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



215BEB



0049FF



4921EB



6A6D75



0034B5



000F36

Inverse Universe

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



EB215B



FF0049



C3EB21



756A6D



B50034



36000F

Previews

White Background



This preview shows how the Hex color 215BEB looks on a white background.

Color Contrast Check

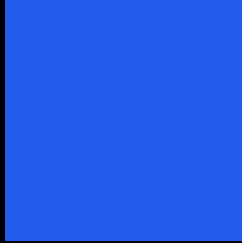
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 215BEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

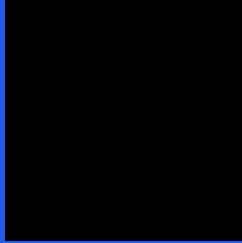
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

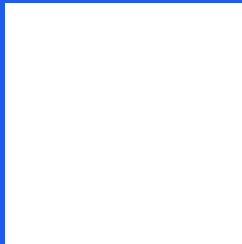
Any Text WCAG AAA × Fail

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

Hex 215BEB Background



This preview shows how black text looks on a background with the Hex color 215BEB.

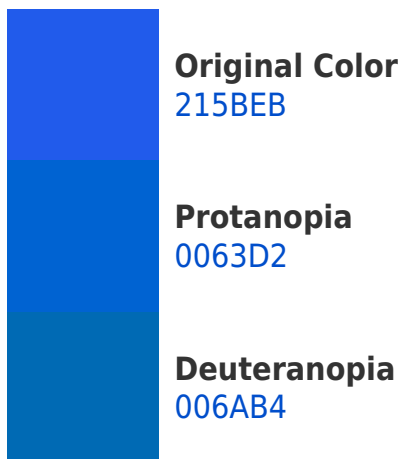


This preview shows how white text looks on a background with the Hex color 215BEB.

Color Blindness Simulation

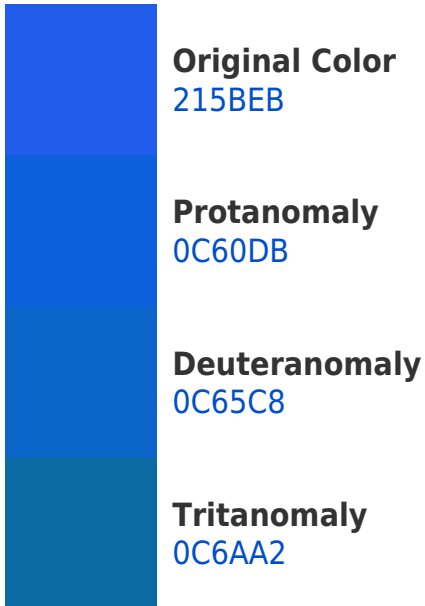
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

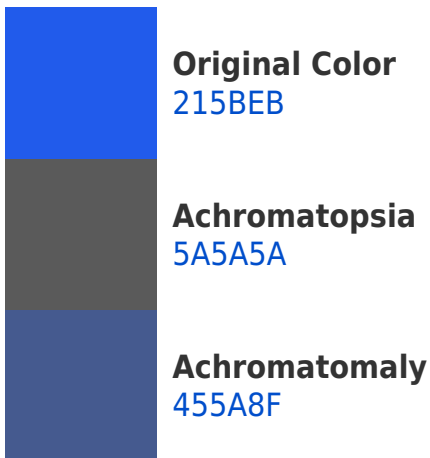




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 215BEB 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 #215BEB looks like.

```
.text, #text, p{  
    color:#215BEB  
}
```

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 #215BEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215BEB
}
```

Border

The CSS property to change the border of an element to Hex 215BEB 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
#215BEB }
```

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

```
.border{ border-color:#215BEB }
```

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

Here you see how a box with a 4 pixel #215BEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215BEB; -webkit-box-shadow:4px 4px  
4px 4px #215BEB; box-shadow:4px 4px 4px  
4px #215BEB }
```

Background

The CSS property to change the background color of an element to Hex 215BEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215BEB }
```

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

```
.background{ background-color:#215BEB }
```

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