

Converting Colors

Hex(3515EB)

Have a look what the booklet for
Hex(3515EB) contains.

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Color

Hex(3515EB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 3515EB |
| RGB | 53, 21, 235 |
| RGB Percent | 21%, 8%, 92% |
| CMY | 0.7922, 0.9176, 0.0784 |
| CMYK | 0.77, 0.91, 0.00, 0.08 |
| HSL | 249°, 84%, 50% |
| HSV | 249°, 91%, 92% |
| XYZ | 16.7318, 7.2914, 79.1228 |
| YIQ | 54.9640, -49.6220, 73.3380 |

Conversions

Conversions Part 2

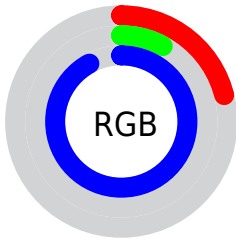
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 53, 21, 235 |
| Decimal | 3479019 |
| CIELab | 32.46, 71.34, -96.25 |
| CIELCh | 32, 119.809, 306.544 |
| Yxy | 7.2914, 0.1622, 0.0707 |
| Android (android.graphics.Color) | 4281669099 (0xFF3515EB) |
| YUV | 54.9640, 88.7577, -1.7224 |
| Hunter-Lab | 27.0025, 63.3507, -154.8296 |

Details

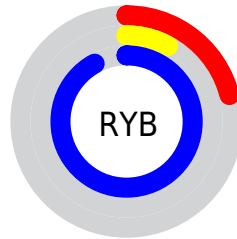
The Hex color **3515EB** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **CBEB15**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **834FFF**, and **0000B1** is the 20% darker color. If you saturate the color by 10%, you get **2300EB**, and if you desaturate by 10%, it is **492DEB**.

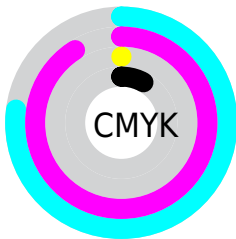
Distribution



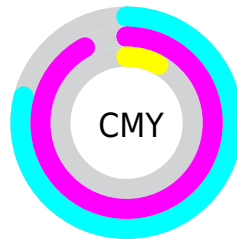
- Red (21%)
- Green (8%)
- Blue (92%)



- Red (21%)
- Yellow (8%)
- Blue (92%)



- Cyan (77%)
- Magenta (91%)
- Yellow (0%)
- Black (8%)



- Cyan (79%)
- Magenta (92%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3515EB 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 3515EB by changing the saturation by 10% instead.


 3515EB

 3515EB


FFFFFF

 0000CE

 834FFF

 0000B1

 A56AFF

 000096

 C585FF

 00007B


 E5A1FF

 000F60

 FFBDFE

 000848

 FFDAFF

 000430

 FFF7FF

 00011A

 000000

■ 3515EB

■ 3515EB

■ 2300EB

■ 492DEB

■ 5D44EB

■ 715CEB

■ 8573EB

■ 998BEB

■ ADA2EB

■ C1BAEB

■ D5D1EB

■ E9E9EB

Harmonies

Analogous

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



005AFF



3515EB



C1009A

Triad

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



3515EB



961D00



006760

Complementary

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



3515EB



CBEB15

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.



006500



3515EB



4B5100

Square

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



3515EB



CA0000



006000



006BBF

Rectangle

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



3515EB



DB005C



006000



00673F

Sweetspot

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



3515EB



C4BAFF



15CEEB



5D5780



000000



808080

Same Dimension

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



3515EB



2600FF



9D15EB



6B6A75



1B00B5



080036

Inverse Universe

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



EB15CB



FF00D9



63EB15



756A74



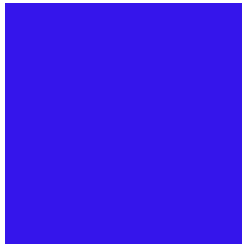
B5009A



36002E

Previews

White Background



This preview shows how the Hex color 3515EB looks on a white background.

Color Contrast Check

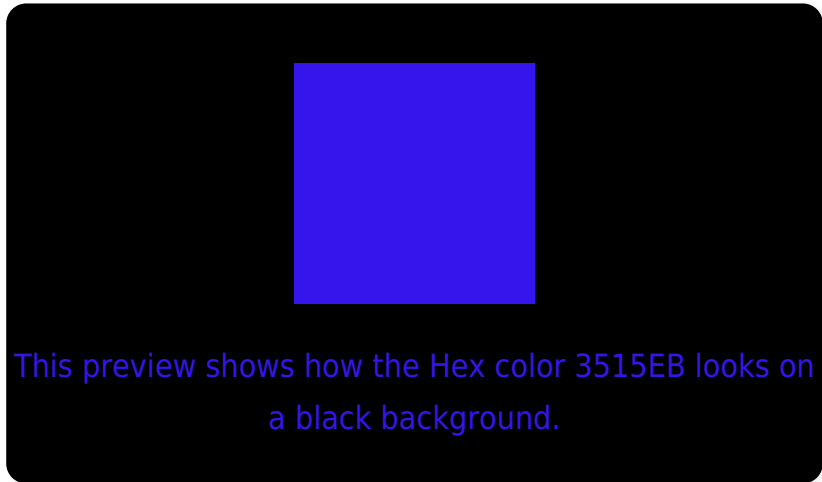
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

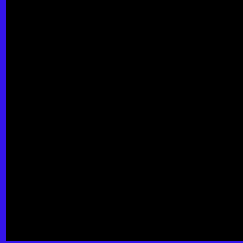
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3515EB Background



This preview shows how black text looks on a background with the Hex color 3515EB.



This preview shows how white text looks on a background with the Hex color 3515EB.

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



Original Color
3515EB

Protanopia
004A9A

Deuteranopia
004F83



Trichromacy



Original Color
3515EB

Protanomaly
1337B7

Deuteranomaly
133AA9

Tritanomaly
133E8E

Monochromacy



Original Color
3515EB

Achromatopsia
373737

Achromatomaly
362B78

CSS Examples

Text

The CSS property to change the color of the text to Hex 3515EB 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 #3515EB looks like.

```
.text, #text, p{  
    color:#3515EB  
}
```

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 #3515EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3515EB
}
```

Border

The CSS property to change the border of an element to Hex 3515EB 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
#3515EB }
```

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

```
.border{ border-color:#3515EB }
```

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

Here you see how a box with a 4 pixel #3515EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3515EB; -webkit-box-shadow:4px 4px  
4px 4px #3515EB; box-shadow:4px 4px 4px  
4px #3515EB }
```

Background

The CSS property to change the background color of an element to Hex 3515EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3515EB }
```

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

```
.background{ background-color:#3515EB }
```

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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