

Converting Colors

Hex(5715ED)

Have a look what the booklet for
Hex(5715ED) contains.

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Color

Hex(5715ED)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5715ED |
| RGB | 87, 21, 237 |
| RGB Percent | 34%, 8%, 93% |
| CMY | 0.6588, 0.9176, 0.0706 |
| CMYK | 0.63, 0.91, 0.00, 0.07 |
| HSL | 258°, 86%, 51% |
| HSV | 258°, 91%, 93% |
| XYZ | 19.4847, 8.6770, 80.7686 |
| YIQ | 65.3580, -30.0000, 81.1680 |

Conversions

Conversions Part 2

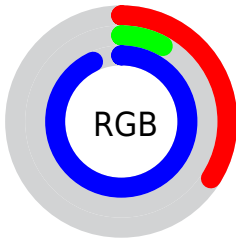
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 87, 21, 237 |
| Decimal | 5707245 |
| CIE _{Lab} | 35.35, 73.46, -92.50 |
| CIE _{LCh} | 35, 118.126, 308.455 |
| Yxy | 8.6770, 0.1789, 0.0797 |
| Android (android.graphics.Color) | 4283897325 (0xFF5715ED) |
| YUV | 65.3580, 84.6195, 18.9800 |
| Hunter-Lab | 29.4567, 66.5229, -141.9500 |

Details

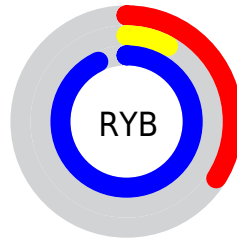
The Hex color **5715ED** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **ABED15**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9B53FF**, and **0000B3** is the 20% darker color. If you saturate the color by 10%, you get **4800ED**, and if you desaturate by 10%, it is **672DED**.

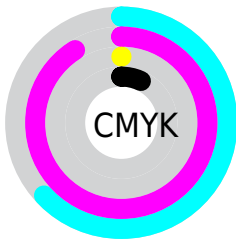
Distribution



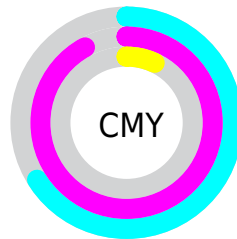
- Red (34%)
- Green (8%)
- Blue (93%)



- Red (34%)
- Yellow (8%)
- Blue (93%)



- Cyan (63%)
- Magenta (91%)
- Yellow (0%)
- Black (7%)



- Cyan (66%)
- Magenta (92%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5715ED 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 5715ED by changing the saturation by 10% instead.

5715ED

5715ED

FFFFFF

2C00D0

9B53FF

0000B3

BA6EFF

000098

DA8AFF

00007D

FAA6FF

000862

FFC2FF

000949

FFDFFF

000432

FFFDFD

00011C

000000

■ 5715ED

■ 5715ED

■ 4800ED

■ 672DED

■ 7844ED

■ 885CED

■ 9974ED

■ A98BED

■ BAA3ED

■ CABBED

■ DBD3ED

■ EBEAED

Harmonies

Analogous

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



005EFF



5715ED



CC009B

Triad

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



5715ED



9A2D00



00706D

Complementary

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



5715ED



ABED15

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.



006D00



5715ED



4E5900

Square

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



5715ED



D00000



006800



0073CB

Rectangle

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



5715ED



E4005D



006800



006F4C

Sweetspot

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



5715ED



CFBAFF



15ACED



635780



000000



808080

Same Dimension

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



5715ED



4E00FF



C215ED



6D6A75



3700B5



100036

Inverse Universe

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



ED15AB



FF00B1



40ED15



756A72



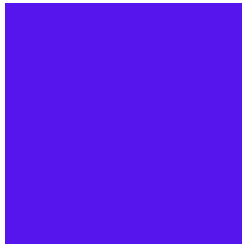
B5007E



360025

Previews

White Background



This preview shows how the Hex color 5715ED 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

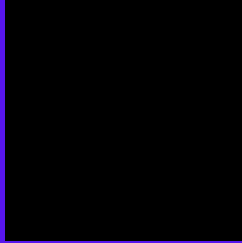
Any Text WCAG AA × Fail

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 5715ED Background



This preview shows how black text looks on a background with the Hex color 5715ED.



This preview shows how white text looks on a background with the Hex color 5715ED.

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
5715ED

Protanopia
0050A9

Deuteranopia
005690



Tritanopia
005C63

Trichromacy



Original Color
5715ED

Protanomaly
203BC2

Deuteranomaly
203EB2

Tritanomaly
204295

Monochromacy



Original Color
5715ED

Achromatopsia
414141

Achromatomaly
493180

CSS Examples

Text

The CSS property to change the color of the text to Hex 5715ED 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 #5715ED looks like.

```
.text, #text, p{  
    color:#5715ED  
}
```

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 #5715ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5715ED
}
```

Border

The CSS property to change the border of an element to Hex 5715ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

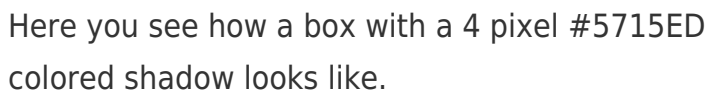
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5715ED }
```

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

```
.border{ border-color:#5715ED }
```

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



Here you see how a box with a 4 pixel #5715ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5715ED; -webkit-box-shadow:4px 4px  
4px 4px #5715ED; box-shadow:4px 4px 4px  
4px #5715ED }
```

Background

The CSS property to change the background color of an element to Hex 5715ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5715ED }
```

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

```
.background{ background-color:#5715ED }
```

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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