

Converting Colors

Decimal(5710591)

Have a look what the booklet for
Decimal(5710591) contains.

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Color

Decimal(5710591)

Conversions

Conversions Part 1

Format	Color
Hex	5722FF
RGB	87, 34, 255
RGB Percent	34%, 13%, 100%
CMY	0.6588, 0.8667, 0.0000
CMYK	0.66, 0.87, 0.00, 0.00
HSL	254°, 100%, 57%
HSV	254°, 87%, 100%
XYZ	22.5525, 10.3903, 95.4246
YIQ	75.0410, -39.3530, 79.9670

Conversions

Conversions Part 2

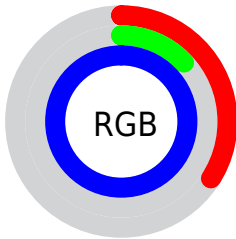
Format	Color
R _Y B	87, 34, 255
Decimal	5710591
CIE Lab	38.53, 74.48, -97.37
CIE LCh	39, 122.592, 307.414
Yxy	10.3903, 0.1757, 0.0809
Android (android.graphics.Color)	4283900671 (0xFF5722FF)
YUV	75.0410, 88.7198, 10.4880
Hunter-Lab	32.2340, 68.4781, -152.9568

Details

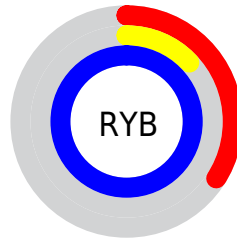
The Decimal color **5710591** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **13303586**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **10312959**, and **196** is the 20% darker color. If you saturate the color by 10%, you get **4458751**, and if you desaturate by 10%, it is **6962175**.

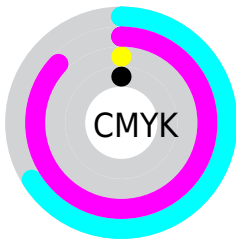
Distribution



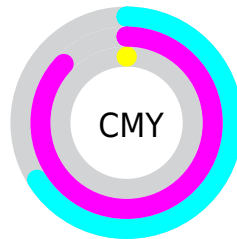
- Red (34%)
- Green (13%)
- Blue (100%)



- Red (34%)
- Yellow (13%)
- Blue (100%)



- Cyan (66%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (87%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5710591 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 Decimal color 5710591 by changing the saturation by 10% instead.

■ 5710591

■ 5710591

16777215

■ 2556129

■ 10312959

■ 196

■ 12482559

■ 168

■ 14586879

■ 141

■ 16691199

■ 626

■ 16763903

■ 3160

■ 16771327

■ 1856

■ 809

■ 275

■ 5710591

■ 5710591

■ 4458751

■ 6962175

■ 3997951

■ 8279551

■ 9531135

■ 10848511

■ 12100351

■ 13351935

■ 14669055

■ 15920895

16777215

Harmonies

Analogous

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



26623



5710591



14221482

Triad

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



5710591



11022336



31091

Complementary

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



5710591



13303586

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.



30208



5710591



5857280

Square

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



5710591



14680064



28928



31957

Rectangle

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



5710591



15925353



28928



30799

Sweetspot

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



5710591



13483519



2280447



6379648



0



8421504

Same Dimension

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



5710591



3997951



12854015



7762816



3014847



983104

Inverse Universe

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



16720586



16711874



6160162



8418172



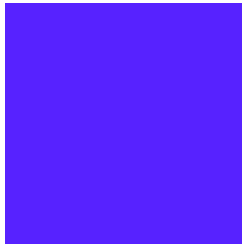
12517521



4194352

Previews

White Background



This preview shows how the Decimal color 5710591 looks on a white background.

Color Contrast Check

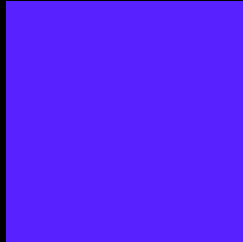
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5710591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

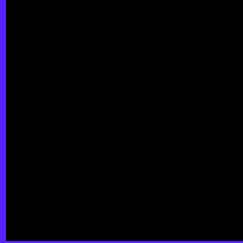
Any Text WCAG AA × Fail

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](#).

Decimal 5710591 Background



This preview shows how black text looks on a background with the Decimal color 5710591.



This preview shows how white text looks on a background with the Decimal color 5710591.

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



Original Color

5710591



Protanomaly

2114769



Deuteranomaly

2115775



Tritanomaly

2116769

Monochromacy



Original Color

5710591



Achromatopsia

4934475



Achromatomaly

5192844

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5710591 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 #5722FF looks like.

```
.text, #text, p{  
    color:#5722FF  
}
```

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 #5722FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5722FF
}
```

Border

The CSS property to change the border of an element to Decimal 5710591 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".

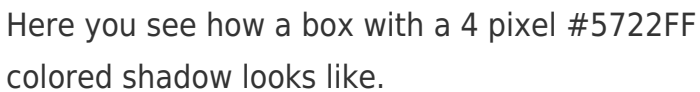
```
.border, #border, table{ border:4px solid
#5722FF }
```

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

```
.border{ border-color:#5722FF }
```

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

Here you see how a box with a 4 pixel #5722FF colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5722FF; -webkit-box-shadow:4px 4px  
4px 4px #5722FF; box-shadow:4px 4px 4px  
4px #5722FF }
```

Background

The CSS property to change the background color of an element to Decimal 5710591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5722FF }
```

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

```
.background{ background-color:#5722FF }
```

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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