

Converting Colors

Decimal(5975769)

Have a look what the booklet for
Decimal(5975769) contains.

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Color

Decimal(5975769)

Conversions

Conversions Part 1

Format	Color
Hex	5B2ED9
RGB	91, 46, 217
RGB Percent	36%, 18%, 85%
CMY	0.6431, 0.8196, 0.1490
CMYK	0.58, 0.79, 0.00, 0.15
HSL	256°, 69%, 52%
HSV	256°, 79%, 85%
XYZ	17.8158, 9.1879, 66.4801
YIQ	78.9490, -28.0710, 62.7210

Conversions

Conversions Part 2

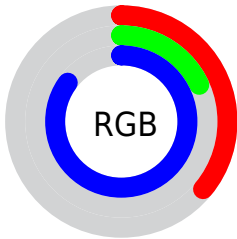
Format	Color
R_{YB}	91, 46, 217
Decimal	5975769
CIE _{Lab}	36.34, 60.53, -79.42
CIE _{LCh}	36, 99.860, 307.312
Yxy	9.1879, 0.1906, 0.0983
Android (android.graphics.Color)	4284165849 (0xFF5B2ED9)
YUV	78.9490, 68.0591, 10.5687
Hunter-Lab	30.3115, 51.8691, -108.8184




Details

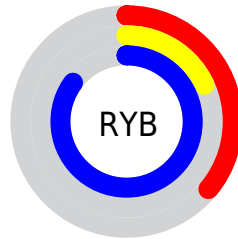
The Decimal color **5975769** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **11327790**, and the grayscale version is **5131854**.




A 20% lighter version of the original color is **10117887**, and **161** is the 20% darker color. If you saturate the color by 10%, you get **4921561**, and if you desaturate by 10%, it is **7029977**.

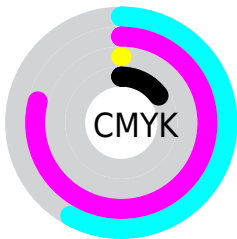
Distribution







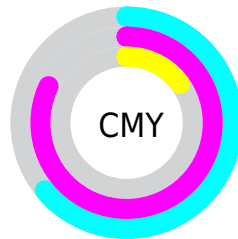
-  Red (36%)
-  Green (18%)
-  Blue (85%)






-  Red (36%)
-  Yellow (18%)
-  Blue (85%)



-  Cyan (58%)
-  Magenta (79%)
-  Yellow (0%)
-  Black (15%)



-  Cyan (64%)
-  Magenta (82%)
-  Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5975769 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 5975769 by changing the saturation by 10% instead.

■ 5975769

■ 5975769

16777215

■ 3609020

■ 10117887

■ 161

■ 12090879

■ 133

■ 14129407

■ 107

■ 16167935

■ 2642

■ 16765183

■ 1338

■ 16772351

■ 547

■ 10

■ 0

■ 5975769

■ 5975769

■ 4921561

■ 7029977

■ 3867609

■ 8083929

■ 3735769

■ 9138137

■ 10192345

■ 11246553

■ 12300505

■ 13354713

■ 14408921

■ 15462873

Harmonies

Analogous

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



24315



5975769



12320917

Triad

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



5975769



9975296



28776

Complementary

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



5975769



11327790

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.



28167



5975769



5790208

Square

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



5975769



12910592



26624



29367

Rectangle

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



5975769



13828193



26624



28748

Sweetspot

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



5975769



13812479



3059417



6577024



0



8421504

Same Dimension

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



5975769



5049855



11415257



6710126



3014829



786478

Inverse Universe

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



14233260



16715199



5888302



7234411



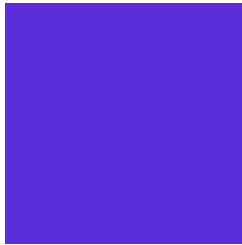
11337856



3014690

Previews

White Background



This preview shows how the Decimal color 5975769 looks on a white background.

Color Contrast Check

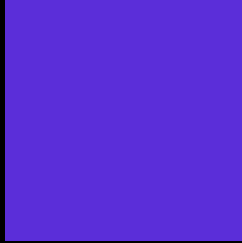
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 5975769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

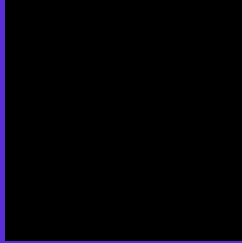
Any Text WCAG AA × Fail

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](#).

Decimal 5975769 Background



This preview shows how black text looks on a background with the Decimal color 5975769.

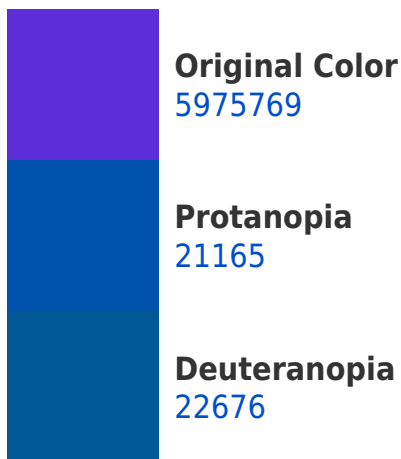


This preview shows how white text looks on a background with the Decimal color 5975769.

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
2841700

Trichromacy



Original Color
5975769



Protanomaly
2180541



Deuteranomaly
2181549



Tritanomaly
3951503

Monochromacy



Original Color
5975769



Achromatopsia
5197647



Achromatomaly
5456769

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5975769 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 #5B2ED9 looks like.

```
.text, #text, p{  
  color:#5B2ED9  
}
```

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 #5B2ED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2ED9
}
```

Border

The CSS property to change the border of an element to Decimal 5975769 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".

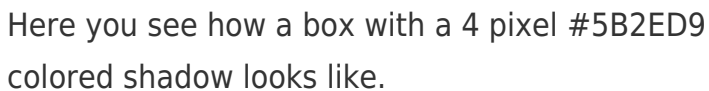
```
.border, #border, table{ border:4px solid
#5B2ED9 }
```

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

```
.border{ border-color:#5B2ED9 }
```

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

Here you see how a box with a 4 pixel #5B2ED9 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2ED9; -webkit-box-shadow:4px 4px  
4px 4px #5B2ED9; box-shadow:4px 4px 4px  
4px #5B2ED9 }
```

Background

The CSS property to change the background color of an element to Decimal 5975769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2ED9 }
```

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

```
.background{ background-color:#5B2ED9 }
```

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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