

Converting Colors

Decimal(5984709)

Have a look what the booklet for
Decimal(5984709) contains.

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Color

Decimal(5984709)

Conversions

Conversions Part 1

Format	Color
Hex	5B51C5
RGB	91, 81, 197
RGB Percent	36%, 32%, 77%
CMY	0.6431, 0.6824, 0.2275
CMYK	0.54, 0.59, 0.00, 0.23
HSL	245°, 50%, 55%
HSV	245°, 59%, 77%
XYZ	17.3349, 12.1402, 54.2530
YIQ	97.2140, -31.2760, 38.1960

Conversions

Conversions Part 2

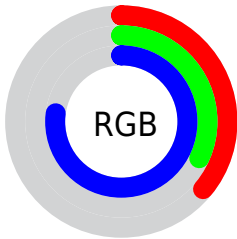
Format	Color
RYB	91, 81, 197
Decimal	5984709
CIELab	41.44, 35.97, -59.53
CIElCh	41, 69.551, 301.146
Yxy	12.1402, 0.2070, 0.1450
Android (android.graphics.Color)	4284174789 (0xFF5B51C5)
YUV	97.2140, 49.1945, -5.4497
Hunter-Lab	34.8428, 27.8316, -67.9291

Details

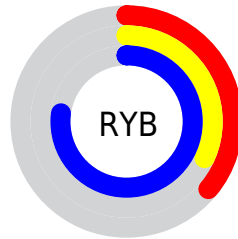
The Decimal color **5984709** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **12305745**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **9798655**, and **1451150** is the 20% darker color. If you saturate the color by 10%, you get **4799941**, and if you desaturate by 10%, it is **7169477**.

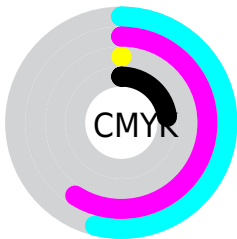
Distribution



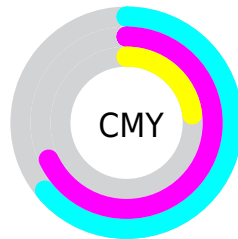
- Red (36%)
- Green (32%)
- Blue (77%)



- Red (36%)
- Yellow (32%)
- Blue (77%)



- Cyan (54%)
- Magenta (59%)
- Yellow (0%)
- Black (23%)



- Cyan (64%)
- Magenta (68%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5984709 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 5984709 by changing the saturation by 10% instead.

■ 5984709

■ 5984709

16777215

■ 3947177

■ 9798655

■ 1451150

■ 11705855

■ 3956

■ 13613311

■ 91

■ 15586559

■ 1858

■ 16773375

■ 811

■ 277

■ 0

■ 5984709

■ 5984709

■ 4799941

■ 7169477

■ 3615429

■ 8353989

■ 2430661

■ 9538757

■ 1245893

■ 10723525

■ 1114309

■ 11908293

■ 13092805

■ 14277573

■ 15462341

■ 16646085

Harmonies

Analogous

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



27094



5984709



10824602

Triad

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



5984709



10569728



31074

Complementary

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



5984709



12305745

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.



30245



5984709



7757824

Square

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



5984709



12395050



3829504



31132

Rectangle

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



5984709



12322677



3829504



30798

Sweetspot

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



5984709



14012927



5356485



6710144



0



8421504

Same Dimension

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



5984709



5917439



9785797



5921379



917667



196644

Inverse Universe

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



12931515



16730863



8504657



6511203



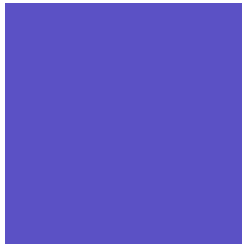
10682517



2359329

Previews

White Background



This preview shows how the Decimal color 5984709 looks on a white background.

Color Contrast Check

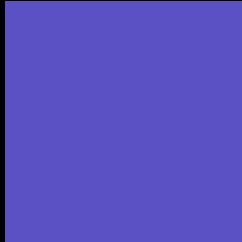
Large Text (above 18pt) WCAG AA ✓ Pass

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 5984709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

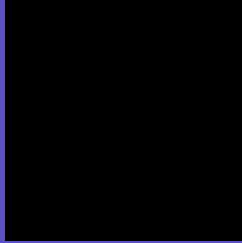
Any Text WCAG AA × Fail

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 5984709 Background



This preview shows how black text looks on a background with the Decimal color 5984709.

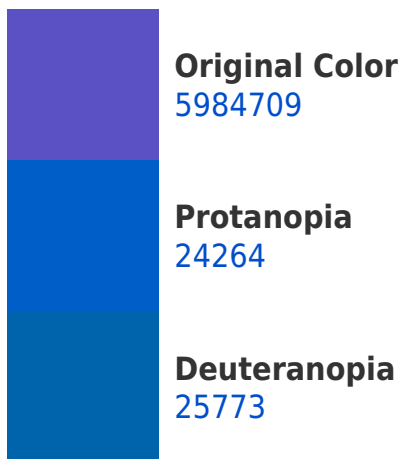



This preview shows how white text looks on a background with the Decimal color 5984709.

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](#).

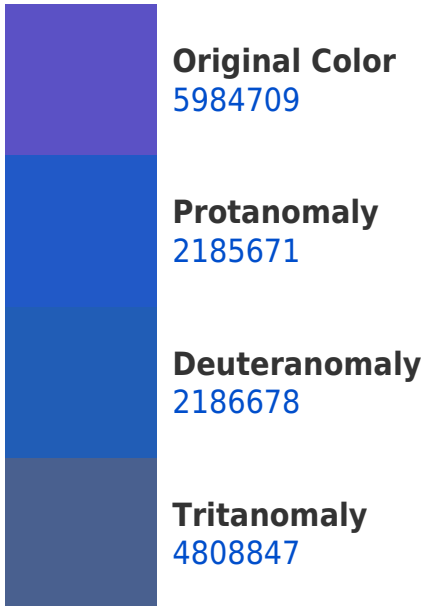
Dichromacy





Tritanopia
4089968

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5984709 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 #5B51C5 looks like.

```
.text, #text, p{  
    color:#5B51C5  
}
```

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 #5B51C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B51C5
}
```

Border

The CSS property to change the border of an element to Decimal 5984709 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
#5B51C5 }
```

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

```
.border{ border-color:#5B51C5 }
```

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

Here you see how a box with a 4 pixel #5B51C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B51C5; -webkit-box-shadow:4px 4px  
4px 4px #5B51C5; box-shadow:4px 4px 4px  
4px #5B51C5 }
```

Background

The CSS property to change the background color of an element to Decimal 5984709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B51C5 }
```

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

```
.background{ background-color:#5B51C5 }
```

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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