

Converting Colors

Decimal(5729976)

Have a look what the booklet for
Decimal(5729976) contains.

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Color

Decimal(5729976)

Conversions

Conversions Part 1

Format	Color
Hex	576EB8
RGB	87, 110, 184
RGB Percent	34%, 43%, 72%
CMY	0.6588, 0.5686, 0.2784
CMYK	0.53, 0.40, 0.00, 0.28
HSL	226°, 41%, 53%
HSV	226°, 53%, 72%
XYZ	18.1581, 16.6388, 47.6020
YIQ	111.5590, -37.4620, 18.1380

Conversions

Conversions Part 2

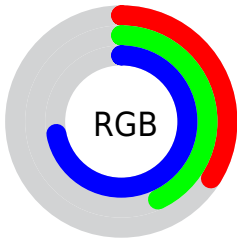
Format	Color
R _Y B	87, 106, 184
Decimal	5729976
CIE Lab	47.80, 12.96, -41.79
CIE LCh	48, 43.755, 287.234
Yxy	16.6388, 0.2204, 0.2019
Android (android.graphics.Color)	4283920056 (0xFF576EB8)
YUV	111.5590, 35.7134, -21.5382
Hunter-Lab	40.7907, 8.0764, -40.6369

Details

The Decimal color **5729976** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12099927**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **9413104**, and **1720194** is the 20% darker color. If you saturate the color by 10%, you get **4546744**, and if you desaturate by 10%, it is **6913208**.

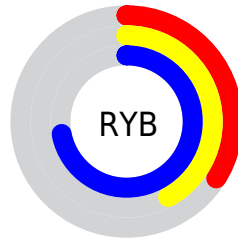
Distribution



Red (34%)

Green (43%)

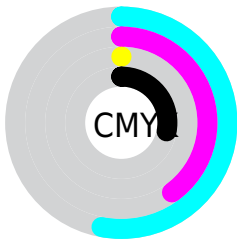
Blue (72%)



Red (34%)

Yellow (42%)

Blue (72%)

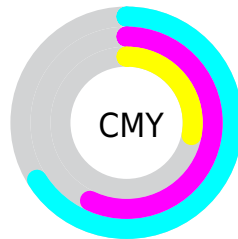


Cyan (53%)

Magenta (40%)

Yellow (0%)

Black (28%)



Cyan (66%)

Magenta (57%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5729976 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 5729976 by changing the saturation by 10% instead.

■ 5729976

■ 5729976

16777215

■ 3888797

■ 9413104

■ 1720194

■ 11255039

■ 10601

■ 13097215

■ 5712

■ 15004927

■ 825

■ 546

■ 9

■ 0

■ 5729976

■ 5729976

■ 4546744

■ 6913208

■ 3297976

■ 8161976

■ 2114744

■ 9345208

■ 865976

■ 10593976

■ 11448

■ 11777208

■ 12960440

■ 14209208

■ 15392440

■ 16641208

Harmonies

Analogous

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



31417



5729976



9396132

Triad

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



5729976



11230269



33632

Complementary

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



5729976



1209927

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.



4685373



5729976



9660966

Square

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



5729976



11948382



7435814



33926

Rectangle

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



5729976



10835599



7435814



1475155

Sweetspot

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



5729976



13226736



5748896



6383224



16250871



7895160

Same Dimension

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



5729976



5864688



7296952



5461340



9628



1820

Inverse Universe

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



12081006



15751548



10532951



6050645



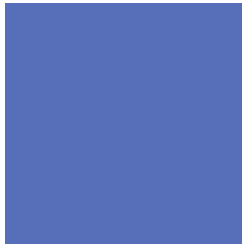
10223653



1835015

Previews

White Background



This preview shows how the Decimal color 5729976 looks on a white background.

Color Contrast Check

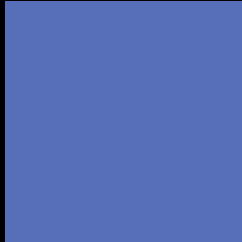
Large Text (above 18pt) WCAG AA ✓ Pass

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 5729976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

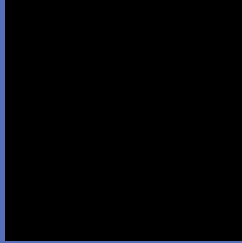
Any Text WCAG AA × Fail

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 5729976 Background



This preview shows how black text looks on a background with the Decimal color 5729976.

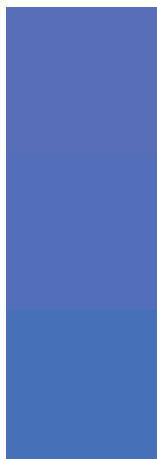


This preview shows how white text looks on a background with the Decimal color 5729976.

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


5729976

Protanopia

5533625

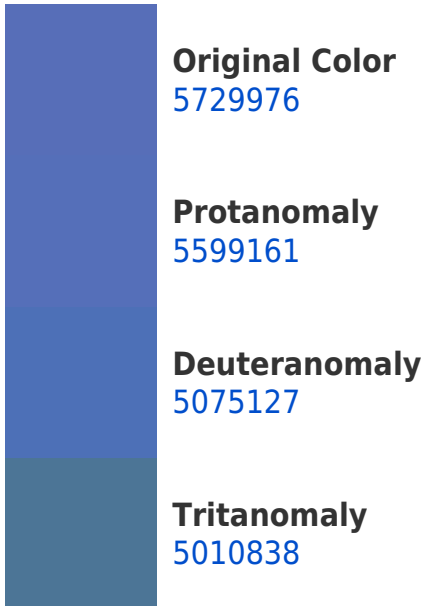
Deuteranopia

4682167



Tritanopia
4553091

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5729976 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 #576EB8 looks like.

```
.text, #text, p{  
    color:#576EB8  
}
```

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 #576EB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576EB8
}
```

Border

The CSS property to change the border of an element to Decimal 5729976 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
#576EB8 }
```

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

```
.border{ border-color:#576EB8 }
```

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

Here you see how a box with a 4 pixel #576EB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576EB8; -webkit-box-shadow:4px 4px  
4px 4px #576EB8; box-shadow:4px 4px 4px  
4px #576EB8 }
```

Background

The CSS property to change the background color of an element to Decimal 5729976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576EB8 }
```

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

```
.background{ background-color:#576EB8 }
```

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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