

Converting Colors

Decimal(5848020)

Have a look what the booklet for
Decimal(5848020) contains.

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Color

Decimal(5848020)

Conversions

Conversions Part 1

Format	Color
Hex	593BD4
RGB	89, 59, 212
RGB Percent	35%, 23%, 83%
CMY	0.6510, 0.7686, 0.1686
CMYK	0.58, 0.72, 0.00, 0.17
HSL	252°, 64%, 53%
HSV	252°, 72%, 83%
XYZ	17.5675, 10.0052, 63.2927
YIQ	85.4120, -31.2330, 53.9430

Conversions

Conversions Part 2

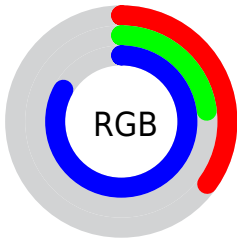
Format	Color
R_{YB}	89, 59, 212
Decimal	5848020
CIE _{Lab}	37.85, 52.69, -74.07
CIE _{LCh}	38, 90.898, 305.429
Yxy	10.0052, 0.1933, 0.1101
Android (android.graphics.Color)	4284038100 (0xFF593BD4)
YUV	85.4120, 62.4079, 3.1467
Hunter-Lab	31.6311, 43.7821, -96.4955

Details

The Decimal color **5848020** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **11981883**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **9924095**, and **1948** is the 20% darker color. If you saturate the color by 10%, you get **4728532**, and if you desaturate by 10%, it is **6967508**.

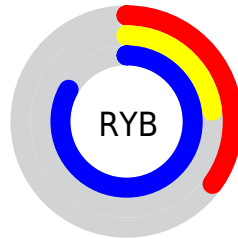
Distribution



Red (35%)

Green (23%)

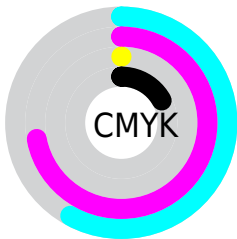
Blue (83%)



Red (35%)

Yellow (23%)

Blue (83%)

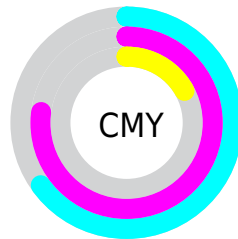


Cyan (58%)

Magenta (72%)

Yellow (0%)

Black (17%)



Cyan (65%)



















Magenta (77%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5848020 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 5848020 by changing the saturation by 10% instead.

 5848020	 5848020
 16777215	 3547832
 9924095	 1948
 11897087	 129
 13869823	 103
 15843071	 2638
 16767743	 1334
 16775167	 544
	 3
	 0

■ 5848020

■ 5848020

■ 4728532

■ 6967508

■ 3609044

■ 8086996

■ 2752724

■ 9206740

■ 10326228

■ 11445716

■ 12565204

■ 13684692

■ 14804436

■ 15923924

Harmonies

Analogous

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



25072



5848020



11862168

Triad

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



5848020



10238464



29541

Complementary

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



5848020



11981883

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.



28944



5848020



6445824

Square

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



5848020



12845059



27136



29870

Rectangle

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



5848020



13369448



27136



29515

Sweetspot

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



5848020



13813759



3913940



6643328



0



8421504

Same Dimension

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



5848020



5054975



10763220



6447211



2228395



589867

Inverse Universe

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



13908918



16720340



7066683



7037033



11206793



2818083

Previews

White Background



This preview shows how the Decimal color 5848020 looks on a white background.

Color Contrast Check

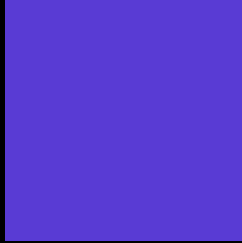
Large Text (above 18pt) WCAG AA ✓ Pass

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 5848020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

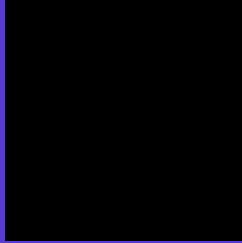
Any Text WCAG AA × Fail

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 5848020 Background



This preview shows how black text looks on a background with the Decimal color 5848020.



This preview shows how white text looks on a background with the Decimal color 5848020.

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
2973800

Trichromacy



Original Color

5848020



Protanomaly

2116800



Deuteranomaly

2117552



Tritanomaly

4019087

Monochromacy



Original Color

5848020



Achromatopsia

5592405



Achromatomaly

5655683

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5848020 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 #593BD4 looks like.

```
.text, #text, p{  
    color:#593BD4  
}
```

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 #593BD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593BD4
}
```

Border

The CSS property to change the border of an element to Decimal 5848020 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
#593BD4 }
```

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

```
.border{ border-color:#593BD4 }
```

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

Here you see how a box with a 4 pixel #593BD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593BD4; -webkit-box-shadow:4px 4px  
4px 4px #593BD4; box-shadow:4px 4px 4px  
4px #593BD4 }
```

Background

The CSS property to change the background color of an element to Decimal 5848020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593BD4 }
```

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

```
.background{ background-color:#593BD4 }
```

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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