

Converting Colors

Decimal(5857192)

Have a look what the booklet for
Decimal(5857192) contains.

Decimal(5857192)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5857192)

Conversions

Conversions Part 1

Format	Color
Hex	595FA8
RGB	89, 95, 168
RGB Percent	35%, 37%, 66%
CMY	0.6510, 0.6275, 0.3412
CMYK	0.47, 0.43, 0.00, 0.34
HSL	235°, 31%, 50%
HSV	235°, 47%, 66%
XYZ	15.2799, 13.1354, 38.7758
YIQ	101.5280, -27.0090, 21.4310

Conversions

Conversions Part 2

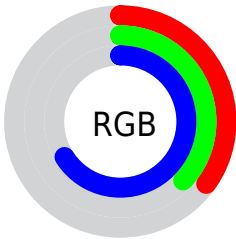
Format	Color
R_{YB}	89, 95, 168
Decimal	5857192
CIE _{Lab}	42.97, 17.71, -40.10
CIE _{LCh}	43, 43.832, 293.825
Yxy	13.1354, 0.2274, 0.1955
Android (android.graphics.Color)	4284047272 (0xFF595FA8)
YUV	101.5280, 32.7707, -10.9871
Hunter-Lab	36.2428, 11.8304, -38.0638

Details

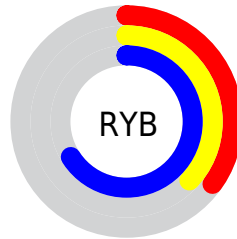
The Decimal color **5857192** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11051609**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **9408992**, and **2240883** is the 20% darker color. If you saturate the color by 10%, you get **4738984**, and if you desaturate by 10%, it is **6975400**.

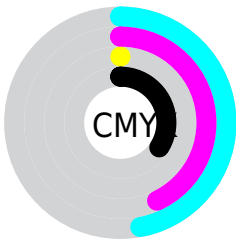
Distribution



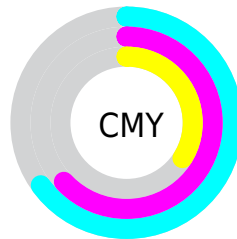
- Red (35%)
- Green (37%)
- Blue (66%)



- Red (35%)
- Yellow (37%)
- Blue (66%)



- Cyan (47%)
- Magenta (43%)
- Yellow (0%)
- Black (34%)



- Cyan (65%)
- Magenta (63%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5857192 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 5857192 by changing the saturation by 10% instead.



5857192



5857192

16777215



4081549



9408992



2240883



11250940



7514



13092863



1090



15000575



811



278



0



5857192



5857192



4738984



6975400

■ 3621032

■ 8093352

■ 2568360

■ 9146024

■ 1450408

■ 10263976

■ 332200

■ 11382184

■ 3496

■ 12500136

■ 13618344

■ 14670760

■ 15788968

Harmonies

Analogous

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



27822



5857192



9064593

Triad

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



5857192



10048299



30301

Complementary

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



5857192



11051609

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.



2978617



5857192



8347927

Square

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



5857192



10962506



6056989



30594

Rectangle

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



5857192



10307451



6056989



30288

Sweetspot

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



5857192



12435419



5875873



5987438



15592941



7237230

Same Dimension

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



5857192



6318811



8018344



5000276



2964



532

Inverse Universe

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



11032927



14377066



8890457



5524556



9699339



1310722

Previews

White Background



This preview shows how the Decimal color 5857192 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 5857192 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 5857192 Background



This preview shows how black text looks on a background with the Decimal color 5857192.




This preview shows how white text looks on a background with the Decimal color 5857192.

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
4877171

Trichromacy



Original Color
5857192

Protanomaly
5071531

Deuteranomaly
4678567

Tritanomaly
5203846

Monochromacy



Original Color
5857192

Achromatopsia
6710886

Achromatomaly
6382462

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5857192 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 #595FA8 looks like.

```
.text, #text, p{  
    color:#595FA8  
}
```

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 #595FA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #595FA8  
}
```

Border

The CSS property to change the border of an element to Decimal 5857192 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  
#595FA8 }
```

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

```
.border{ border-color:#595FA8 }
```

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

Here you see how a box with a 4 pixel #595FA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #595FA8; -webkit-box-shadow:4px 4px  
4px 4px #595FA8; box-shadow:4px 4px 4px  
4px #595FA8 }
```

Background

The CSS property to change the background color of an element to Decimal 5857192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#595FA8 }
```

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

```
.background{ background-color:#595FA8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor