

Converting Colors

Decimal(5840787)

Have a look what the booklet for
Decimal(5840787) contains.

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Color

Decimal(5840787)

Conversions

Conversions Part 1

Format	Color
Hex	591F93
RGB	89, 31, 147
RGB Percent	35%, 12%, 58%
CMY	0.6510, 0.8784, 0.4235
CMYK	0.39, 0.79, 0.00, 0.42
HSL	270°, 65%, 35%
HSV	270°, 79%, 58%
XYZ	9.8763, 5.2104, 28.0889
YIQ	61.5660, -2.6680, 48.3720

Conversions

Conversions Part 2

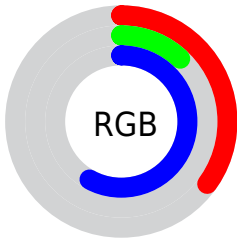
Format	Color
R_{YB}	89, 31, 147
Decimal	5840787
CIE _{Lab}	27.33, 48.32, -52.62
CIE _{LCh}	27, 71.435, 312.559
Y _{xy}	5.2104, 0.2287, 0.1207
Android (android.graphics.Color)	4284030867 (0xFF591F93)
YUV	61.5660, 42.1190, 24.0596
Hunter-Lab	22.8263, 37.2856, -56.9809

Details

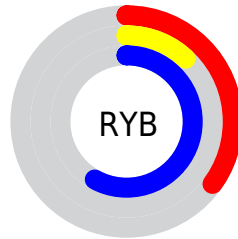
The Decimal color **5840787** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5870367**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **9458378**, and **2097247** is the 20% darker color. If you saturate the color by 10%, you get **5378195**, and if you desaturate by 10%, it is **6303379**.

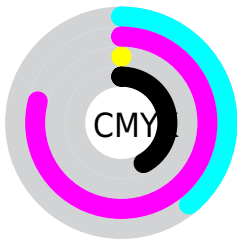
Distribution



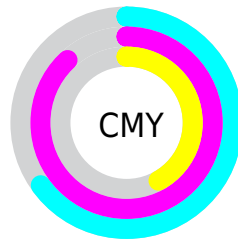
- Red (35%)
- Green (12%)
- Blue (58%)



- Red (35%)
- Yellow (12%)
- Blue (58%)



- Cyan (39%)
- Magenta (79%)
- Yellow (0%)
- Black (42%)



- Cyan (65%)
- Magenta (88%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5840787 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 5840787 by changing the saturation by 10% instead.

■ 5840787

■ 5840787

16777215

■ 3997817

■ 9458378

■ 2097247

■ 11300070

■ 71

■ 13207295

■ 1071

■ 15114751

■ 281

■ 16760319

■ 0

■ 16767487

■ 16774911

■ 5840787

■ 5840787

■ 5378195

■ 6303379

■ 4850323

■ 6831251

■ 4849811

■ 7293843

■ 7756435

■ 8284563

■ 8746899

■ 9209491

■ 9737619

■ 10199955

Harmonies

Analogous

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



17071



5840787



9240675

Triad

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



5840787



6893824



21847

Complementary

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



5840787



5870367

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.



21276



5840787



3884544

Square

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



5840787



9109504



20224



21899

Rectangle

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



5840787



10027071



20224



21572

Sweetspot

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



5840787



11047359



2054547



5457249



14737632



6381921

Same Dimension

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



5840787



6556351



9641875



4604746



4522122



327690

Inverse Universe

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



9641817



12520036



2069279



4866886



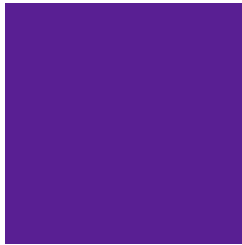
9044037



655365

Previews

White Background



This preview shows how the Decimal color 5840787 looks on a white background.

Color Contrast Check

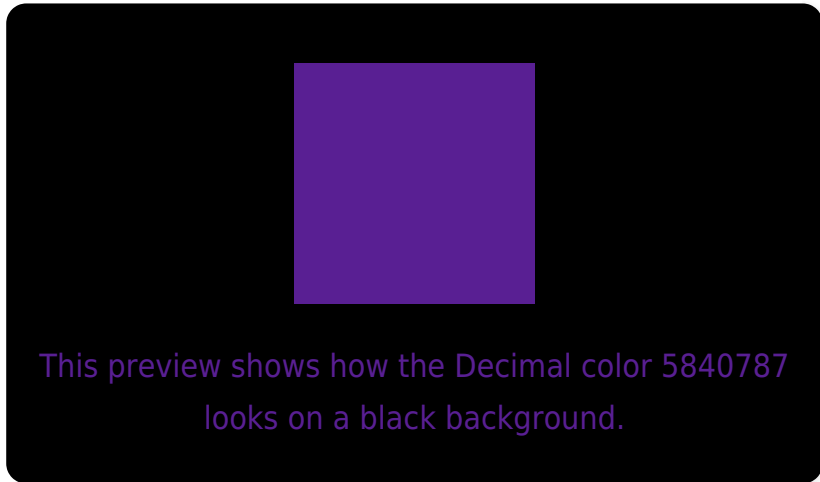
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

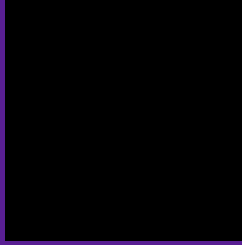
Any Text WCAG AA × Fail

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 5840787 Background



This preview shows how black text looks on a background with the Decimal color 5840787.



This preview shows how white text looks on a background with the Decimal color 5840787.

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
4734788

Trichromacy



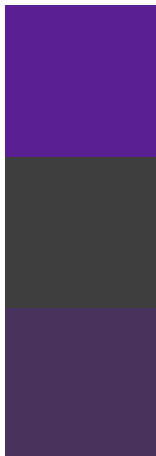
Original Color
5840787

Protanomaly
2110346

Deuteranomaly
2111103

Tritanomaly
5124961

Monochromacy



Original Color
5840787

Achromatopsia
4079166

Achromatomaly
4731741

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5840787 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 #591F93 looks like.

```
.text, #text, p{  
    color:#591F93  
}
```

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 #591F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #591F93
}
```

Border

The CSS property to change the border of an element to Decimal 5840787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

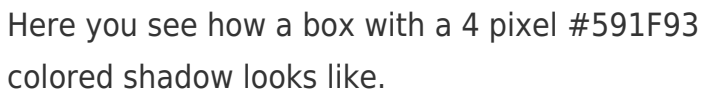
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#591F93 }
```

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

```
.border{ border-color:#591F93 }
```

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



Here you see how a box with a 4 pixel #591F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #591F93; -webkit-box-shadow:4px 4px  
4px 4px #591F93; box-shadow:4px 4px 4px  
4px #591F93 }
```

Background

The CSS property to change the background color of an element to Decimal 5840787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#591F93 }
```

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

```
.background{ background-color:#591F93 }
```

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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