

Converting Colors

Decimal(5846616)

Have a look what the booklet for
Decimal(5846616) contains.

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Color

Decimal(5846616)

Conversions

Conversions Part 1

Format	Color
Hex	593658
RGB	89, 54, 88
RGB Percent	35%, 21%, 35%
CMY	0.6510, 0.7882, 0.6549
CMYK	0.00, 0.39, 0.01, 0.65
HSL	302°, 24%, 28%
HSV	302°, 39%, 35%
XYZ	7.2004, 5.4668, 9.9082
YIQ	68.3410, 9.9460, 17.9940

Conversions

Conversions Part 2

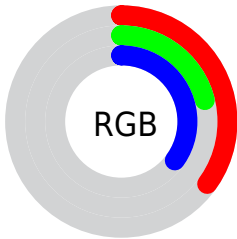
Format	Color
RYB	89, 54, 88
Decimal	5846616
CIELab	28.03, 21.80, -14.05
CIELCh	28, 25.938, 327.194
Yxy	5.4668, 0.3190, 0.2422
Android (android.graphics.Color)	4284036696 (0xFF593658)
YUV	68.3410, 9.6919, 18.1179
Hunter-Lab	23.3811, 14.0539, -8.7585

Details

The Decimal color **5846616** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3561783**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **9201290**, and **2755114** is the 20% darker color. If you saturate the color by 10%, you get **5844312**, and if you desaturate by 10%, it is **5848920**.

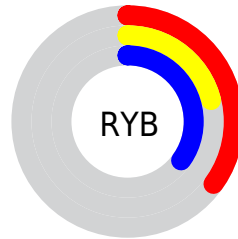
Distribution



Red (35%)

Green (21%)

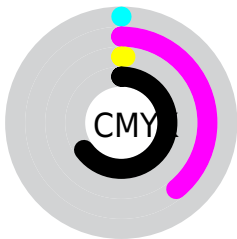
Blue (35%)



Red (35%)

Yellow (21%)

Blue (35%)

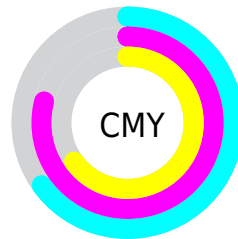


Cyan (0%)

Magenta (39%)

Yellow (1%)

Black (65%)



Cyan (65%)

Magenta (79%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5846616 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 5846616 by changing the saturation by 10% instead.

■ 5846616

■ 5846616

16777215

■ 4268097

■ 9201290

■ 2755114

■ 10911652

■ 1310742

■ 12753343

■ 0

■ 14595291

■ 16503032

■ 16772351

■ 5846616

■ 5846616

■ 5844312

■ 5848920

■ 5842007

■ 5851225

■ 5839703

■ 5853529

■ 5837399

■ 5855833

■ 5835351

■ 5858137

■ 5833046

■ 5860186

■ 5832790

■ 5862490

■ 5864794

■ 5867098

Harmonies

Analogous

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



4275814



5846616



6697285

Triad

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



5846616



5259289



19540

Complementary

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



5846616



3561783

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.



19520



5846616



3950109

Square

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



5846616



6240545



2312748



19043

Rectangle

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



5846616



6828599



2312748



19533

Sweetspot

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



5846616



7562610



3618393



3879482



12237498



3881787

Same Dimension

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



5846616



7552369



5846599



2828075



7012456



15401188

Inverse Universe

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



5846616



7552369



3561800



2828075



7012456



15401188

Previews

White Background



This preview shows how the Decimal color 5846616 looks on a white background.

Color Contrast Check

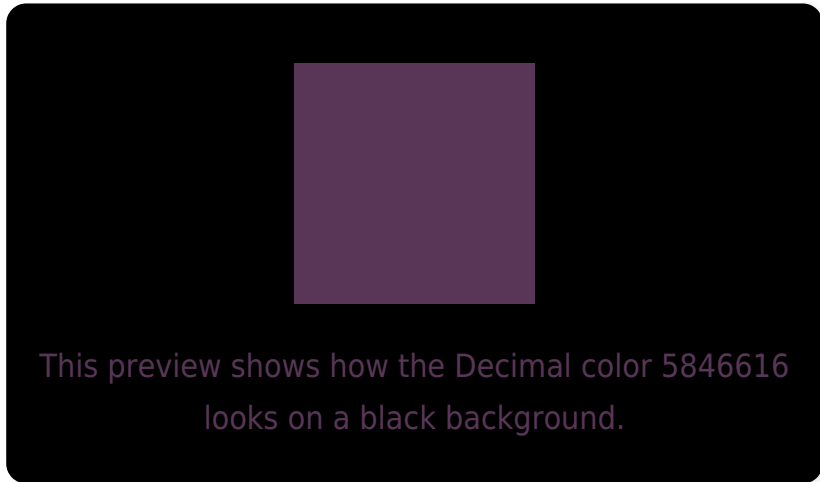
Large Text (above 18pt) WCAG AA ✓ Pass

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

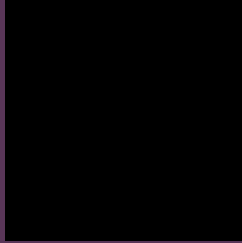
Any Text WCAG AA × Fail

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 5846616 Background



This preview shows how black text looks on a background with the Decimal color 5846616.



This preview shows how white text looks on a background with the Decimal color 5846616.

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
5846616

Protanopia
3687009

Deuteranopia
4145494



Tritanopia
5651264

Trichromacy



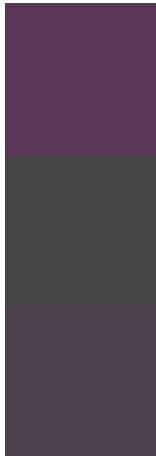
Original Color
5846616

Protanomaly
4472414

Deuteranomaly
4734295

Tritanomaly
5716297

Monochromacy



Original Color
5846616

Achromatopsia
4473924

Achromatomaly
4996939

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5846616 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 #593658 looks like.

```
.text, #text, p{  
    color:#593658  
}
```

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 #593658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593658
}
```

Border

The CSS property to change the border of an element to Decimal 5846616 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".

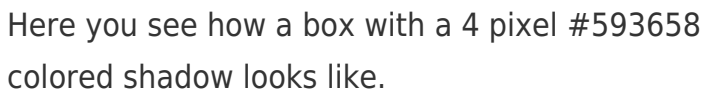
```
.border, #border, table{ border:4px solid
#593658 }
```

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

```
.border{ border-color:#593658 }
```

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

Here you see how a box with a 4 pixel #593658 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593658; -webkit-box-shadow:4px 4px  
4px 4px #593658; box-shadow:4px 4px 4px  
4px #593658 }
```

Background

The CSS property to change the background color of an element to Decimal 5846616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593658 }
```

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

```
.background{ background-color:#593658 }
```

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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