

Converting Colors

Decimal(5846623)

Have a look what the booklet for
Decimal(5846623) contains.

Decimal(5846623)	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(5846623)

Conversions

Conversions Part 1

Format	Color
Hex	59365F
RGB	89, 54, 95
RGB Percent	35%, 21%, 37%
CMY	0.6510, 0.7882, 0.6275
CMYK	0.06, 0.43, 0.00, 0.63
HSL	291°, 28%, 29%
HSV	291°, 43%, 37%
XYZ	7.5045, 5.5884, 11.5096
YIQ	69.1390, 7.6990, 20.1710

Conversions

Conversions Part 2

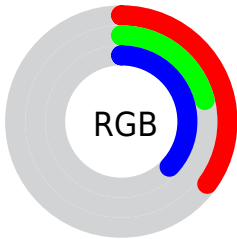
Format	Color
R_{YB}	89, 54, 95
Decimal	5846623
CIE _{Lab}	28.35, 23.34, -18.10
CIE _{LCh}	28, 29.537, 322.207
Yxy	5.5884, 0.3050, 0.2271
Android (android.graphics.Color)	4284036703 (0xFF59365F)
YUV	69.1390, 12.7495, 17.4181
Hunter-Lab	23.6398, 15.2959, -12.3189

Details

The Decimal color **5846623** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3956534**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **9201298**, and **2755121** is the 20% darker color. If you saturate the color by 10%, you get **5778527**, and if you desaturate by 10%, it is **5914719**.

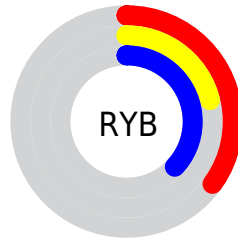
Distribution



 Red (35%)

 Green (21%)

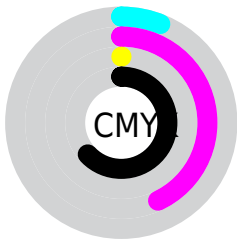
 Blue (37%)



 Red (35%)

 Yellow (21%)

 Blue (37%)

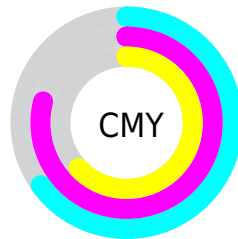


 Cyan (6%)


 Magenta (43%)

 Yellow (0%)

 Black (63%)



 Cyan (65%)

 Magenta (79%)

 Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5846623 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 5846623 by changing the saturation by 10% instead.

■ 5846623

■ 5846623

16777215

■ 4268103

■ 9201298

■ 2755121

■ 10977196

■ 1376284

■ 12753352

■ 0

■ 14595300

■ 16503039

■ 16772351

■ 5846623

■ 5846623

■ 5778527

■ 5914719

■ 5645151

■ 6048095

■ 5577055

■ 6115935

■ 5443679

■ 6249567

■ 5375583

■ 6317663

■ 5308511

■ 6385503

■ 6519135

■ 6586975

■ 6720351

Harmonies

Analogous

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



3817325



5846623



6893386

Triad

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



5846623



5586964



20051

Complementary

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



5846623



3956534

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.



20028



5846623



4146966

Square

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



5846623



6633247



2312998



19558

Rectangle

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



5846623



7155514



2312998



20044

Sweetspot

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



5846623



7891578



3554399



3945277



12434877



4013373

Same Dimension

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



5846623



7420794



6239825



3157040



6291568



13435120

Inverse Universe

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



6239804



8010564



3563332



3157036



7340048



15728675

Previews

White Background



This preview shows how the Decimal color 5846623 looks on a white background.

Color Contrast Check

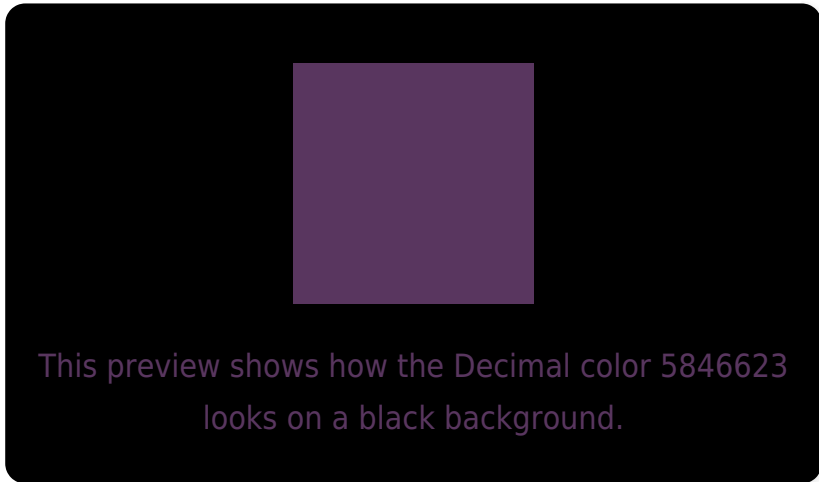
Large Text (above 18pt) WCAG AA ✓ Pass

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

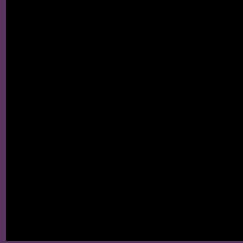
Any Text WCAG AA × Fail

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 5846623 Background



This preview shows how black text looks on a background with the Decimal color 5846623.



This preview shows how white text looks on a background with the Decimal color 5846623.

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
5846623

Protanopia
3490409

Deuteranopia
3883613



Tritanopia
5586241

Trichromacy



Original Color
5846623

Protanomaly
4341349

Deuteranomaly
4603486

Tritanomaly
5651020

Monochromacy



Original Color
5846623

Achromatopsia
4539717

Achromatomaly
4997198

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5846623 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 #59365F looks like.

```
.text, #text, p{  
    color:#59365F  
}
```

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 #59365F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59365F
}
```

Border

The CSS property to change the border of an element to Decimal 5846623 is called "border". The border property can be set on classes, ids or directly on the HTML element.

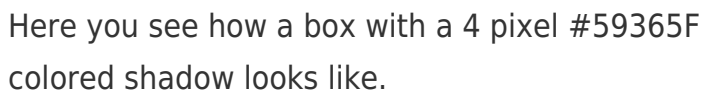
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59365F }
```

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

```
.border{ border-color:#59365F }
```

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



Here you see how a box with a 4 pixel #59365F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59365F; -webkit-box-shadow:4px 4px  
4px 4px #59365F; box-shadow:4px 4px 4px  
4px #59365F }
```

Background

The CSS property to change the background color of an element to Decimal 5846623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59365F }
```

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

```
.background{ background-color:#59365F }
```

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