

Converting Colors

Decimal(5840898)

Have a look what the booklet for
Decimal(5840898) contains.

Decimal(5840898)	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(5840898)

Conversions

Conversions Part 1

Format	Color
Hex	592002
RGB	89, 32, 2
RGB Percent	35%, 13%, 1%
CMY	0.6510, 0.8745, 0.9922
CMYK	0.00, 0.64, 0.98, 0.65
HSL	21°, 96%, 18%
HSV	21°, 98%, 35%
XYZ	4.6473, 3.1613, 0.4227
YIQ	45.6230, 43.6020, 2.7540

Conversions

Conversions Part 2

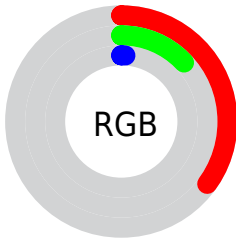
Format	Color
RYB	89, 48, 2
Decimal	5840898
CIELab	20.68, 24.74, 29.61
CIElCh	21, 38.581, 50.120
Yxy	3.1613, 0.5646, 0.3841
Android (android.graphics.Color)	4284030978 (0xFF592002)
YUV	45.6230, -21.5061, 38.0416
Hunter-Lab	17.7799, 15.5413, 11.0365

Details

The Decimal color **5840898** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **146265**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **9457200**, and **2555905** is the 20% darker color. If you saturate the color by 10%, you get **5840640**, and if you desaturate by 10%, it is **5842443**.

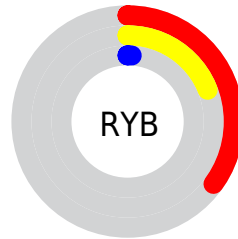
Distribution



Red (35%)

Green (13%)

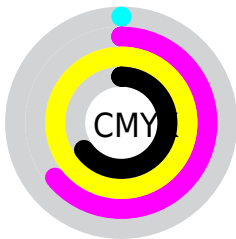
Blue (1%)



Red (35%)

Yellow (19%)

Blue (1%)

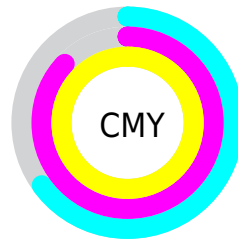


Cyan (0%)

Magenta (64%)

Yellow (98%)

Black (65%)



Cyan (65%)

Magenta (87%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5840898 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 5840898 by changing the saturation by 10% instead.

 5840898

 5840898

 16777189

 4065536


 9457200

 2555905

 11364167

 0

 13271135

 15178616

 16758418

 16765613

 16772809

 5840898

 5840898

■ 5840640

■ 5842443

■ 5843988

■ 5845277

■ 5846822

■ 5848367

■ 5849911

■ 5851456

■ 5853001

■ 5854290

Harmonies

Analogous

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



6492704



5840898



4599040

Triad

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



5840898



15911



1519208

Complementary

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



5840898



146265

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.



14442



5840898



15941

Square

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



5840898



15112



15709



4857943

Rectangle

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



5840898



3552256



15709



12906

Sweetspot

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



5840898



7560529



5833276



3878182



12237498



3881787

Same Dimension

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



5840898



7546880



5851906



2828583



7021824



15421696

Inverse Universe

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



146265



19315



135513



2566699



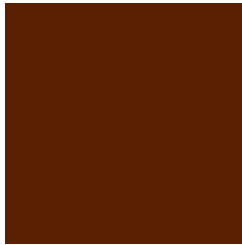
18027



39659

Previews

White Background



This preview shows how the Decimal color 5840898 looks on a white background.

Color Contrast Check

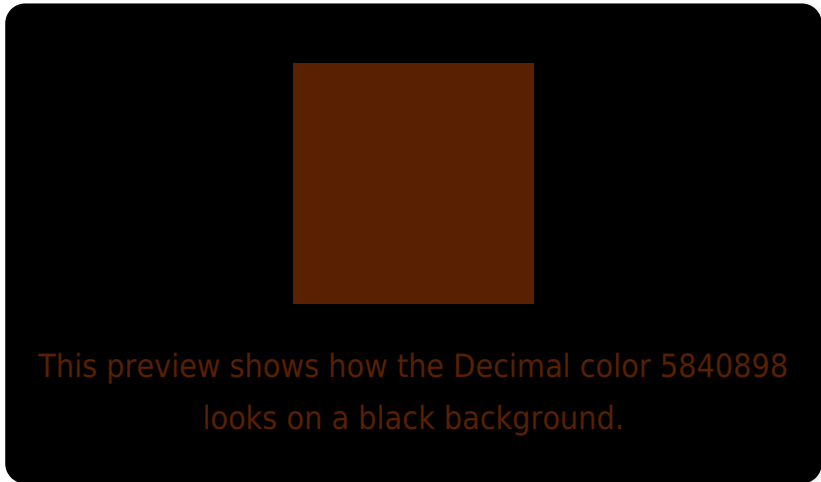
Large Text (above 18pt) WCAG AA ✓ Pass

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

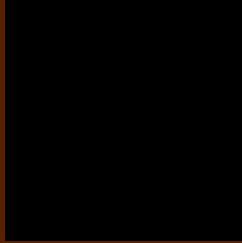
Any Text WCAG AA × Fail

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 5840898 Background



This preview shows how black text looks on a background with the Decimal color 5840898.



This preview shows how white text looks on a background with the Decimal color 5840898.

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
5840898

Protanopia
3814153

Deuteranopia
4272384



Tritanopia
5905951

Trichromacy



Original Color
5840898

Protanomaly
4533254

Deuteranomaly
4860673

Tritanomaly
5906196

Monochromacy



Original Color
5840898

Achromatopsia
3026478

Achromatomaly
4073758

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5840898 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 #592002 looks like.

```
.text, #text, p{  
    color:#592002  
}
```

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 #592002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #592002
}
```

Border

The CSS property to change the border of an element to Decimal 5840898 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
#592002 }
```

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

```
.border{ border-color:#592002 }
```

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

Here you see how a box with a 4 pixel #592002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #592002; -webkit-box-shadow:4px 4px  
4px 4px #592002; box-shadow:4px 4px 4px  
4px #592002 }
```

Background

The CSS property to change the background color of an element to Decimal 5840898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#592002 }
```

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

```
.background{ background-color:#592002 }
```

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