

Converting Colors

Decimal(5850895)

Have a look what the booklet for
Decimal(5850895) contains.

Decimal(5850895)	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(5850895)

Conversions

Conversions Part 1

Format	Color
Hex	59470F
RGB	89, 71, 15
RGB Percent	35%, 28%, 6%
CMY	0.6510, 0.7216, 0.9412
CMYK	0.00, 0.20, 0.83, 0.65
HSL	45°, 71%, 20%
HSV	45°, 83%, 35%
XYZ	6.4593, 6.6648, 1.3979
YIQ	69.9980, 28.7040, -13.6000

Conversions

Conversions Part 2

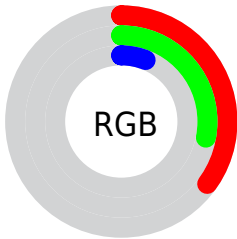
Format	Color
RYB	39, 89, 15
Decimal	5850895
CIELab	31.03, 1.32, 34.26
CIELCh	31, 34.282, 87.793
Yxy	6.6648, 0.4448, 0.4589
Android (android.graphics.Color)	4284040975 (0xFF59470F)
YUV	69.9980, -27.1140, 16.6648
Hunter-Lab	25.8163, -0.5175, 14.8609

Details

The Decimal color **5850895** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **991577**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **9336638**, and **2628608** is the 20% darker color. If you saturate the color by 10%, you get **5850374**, and if you desaturate by 10%, it is **5851416**.

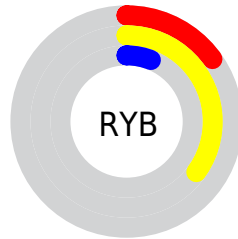
Distribution



Red (35%)

Green (28%)

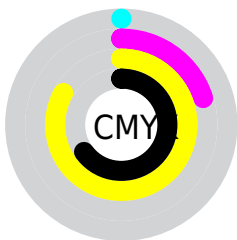
Blue (6%)



Red (15%)

Yellow (35%)

Blue (6%)

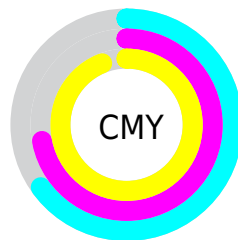


Cyan (0%)

Magenta (20%)

Yellow (83%)

Black (65%)



Cyan (65%)

Magenta (72%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5850895 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 5850895 by changing the saturation by 10% instead.

 5850895


 5850895

 16777208

 4206848

 9336638

 2628608

 11112790

 590592

 12954479

 0

 14861961

 16769700

 16777151

 16777179

 5850895

 5850895

■ 5850374

■ 5851416

■ 5849856

■ 5851937

■ 5852458

■ 5853235

■ 5853756

■ 5854276

■ 5854797

■ 5855318

■ 5855839

Harmonies

Analogous

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



7159068



5850895



4149014

Triad

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



5850895



22113



6830182

Complementary

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



5850895



991577

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.



4604793



5850895



21366

Square

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



5850895



22086



19839



7876940

Rectangle

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



5850895



2642467



19839



6241133

Sweetspot

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



5850895



7564374



5836578



3880489



12237498



3881787

Same Dimension

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



5850895



7558912



4675855



2828839



7033088



15446528

Inverse Universe

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



991577



7283



2232153



2566187



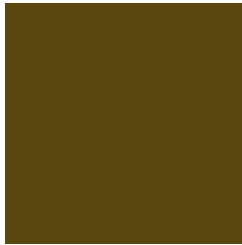
6763



14827

Previews

White Background



This preview shows how the Decimal color 5850895 looks on a white background.

Color Contrast Check

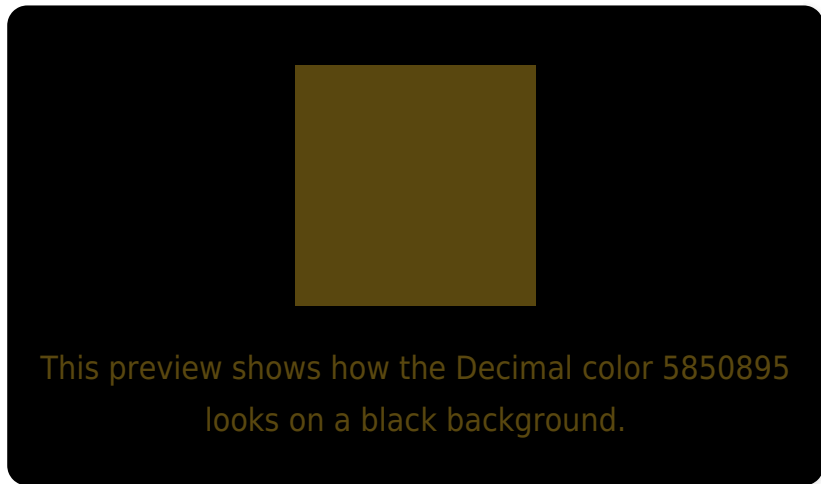
Large Text (above 18pt) WCAG AA ✓ Pass

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

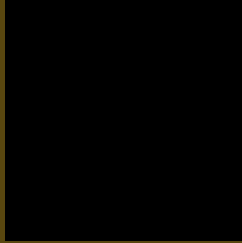
Any Text WCAG AA × Fail

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 5850895 Background



This preview shows how black text looks on a background with the Decimal color 5850895.



This preview shows how white text looks on a background with the Decimal color 5850895.

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
5850895

Protanopia
5392912

Deuteranopia
6047248



Tritanopia
6111815

Trichromacy



Original Color
5850895

Protanomaly
5589264

Deuteranomaly
5981712

Tritanomaly
6046771

Monochromacy



Original Color
5850895

Achromatopsia
4605510

Achromatomaly
5064242

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5850895 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 #59470F looks like.

```
.text, #text, p{  
    color:#59470F  
}
```

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 #59470F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59470F
}
```

Border

The CSS property to change the border of an element to Decimal 5850895 is called "border". The border property can be set on classes, ids or directly on the HTML element.

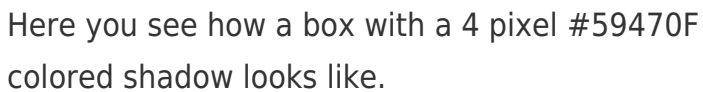
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59470F }
```

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

```
.border{ border-color:#59470F }
```

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



Here you see how a box with a 4 pixel #59470F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59470F; -webkit-box-shadow:4px 4px  
4px 4px #59470F; box-shadow:4px 4px 4px  
4px #59470F }
```

Background

The CSS property to change the background color of an element to Decimal 5850895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59470F }
```

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

```
.background{ background-color:#59470F }
```

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