

Converting Colors

Decimal(3878709)

Have a look what the booklet for
Decimal(3878709) contains.

Decimal(3878709)	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(3878709)

Conversions

Conversions Part 1

Format	Color
Hex	3B2F35
RGB	59, 47, 53
RGB Percent	23%, 18%, 21%
CMY	0.7686, 0.8157, 0.7922
CMYK	0.00, 0.20, 0.10, 0.77
HSL	330°, 11%, 21%
HSV	330°, 20%, 23%
XYZ	3.4628, 3.2199, 3.8072
YIQ	51.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

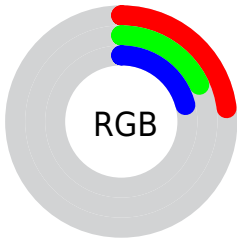
Format	Color
R _Y B	59, 47, 53
Decimal	3878709
CIE Lab	20.90, 6.69, -1.77
CIE LCh	21, 6.917, 345.151
Yxy	3.2199, 0.3301, 0.3070
Android (android.graphics.Color)	4282068789 (0xFF3B2F35)
YUV	51.2720, 0.8519, 6.7775
Hunter-Lab	17.9440, 3.0440, -0.0186

Details

The Decimal color **3878709** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3095349**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **6970723**, and **1114120** is the 20% darker color. If you saturate the color by 10%, you get **3877170**, and if you desaturate by 10%, it is **3880248**.

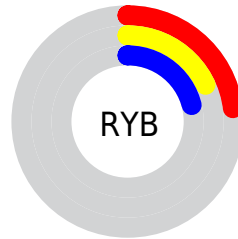
Distribution



Red (23%)

Green (18%)

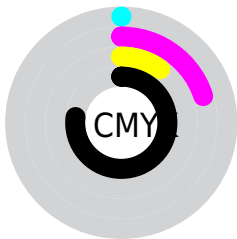
Blue (21%)



Red (23%)

Yellow (18%)

Blue (21%)

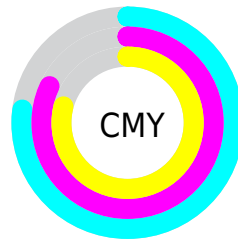


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (77%)



Cyan (77%)

Magenta (82%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3878709 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 3878709 by changing the saturation by 10% instead.



3878709



3878709

16777215



2431520



6970723



1114120



8681084



0



10391446



12167857



13944268



15852008

16776959



3878709



3878709

■ 3877170

■ 3880248

■ 3875631

■ 3881787

■ 3874092

■ 3883326

■ 3872553

■ 3884865

■ 3871014

■ 3886404

■ 3869731

■ 3887687

■ 3868192

■ 3889226

■ 3866653

■ 3890765

■ 3892304

Harmonies

Analogous

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



3551289



3878709



4009776

Triad

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



3878709



3420968



2503993

Complementary

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



3878709



3095349

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.



2438453



3878709



3028011

Square

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



3878709



3748137



2635055



2765628

Rectangle

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



3878709



4009773



2635055



2438456

Sweetspot

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



3878709



5064778



3485499



2499621



10921638



2500134

Same Dimension

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



3878709



5061187



3878703



2038813



6160431



14549103

Inverse Universe

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



3878709



5061187



3095355



2038813



6160431



14549103

Previews

White Background



This preview shows how the Decimal color 3878709 looks on a white background.

Color Contrast Check

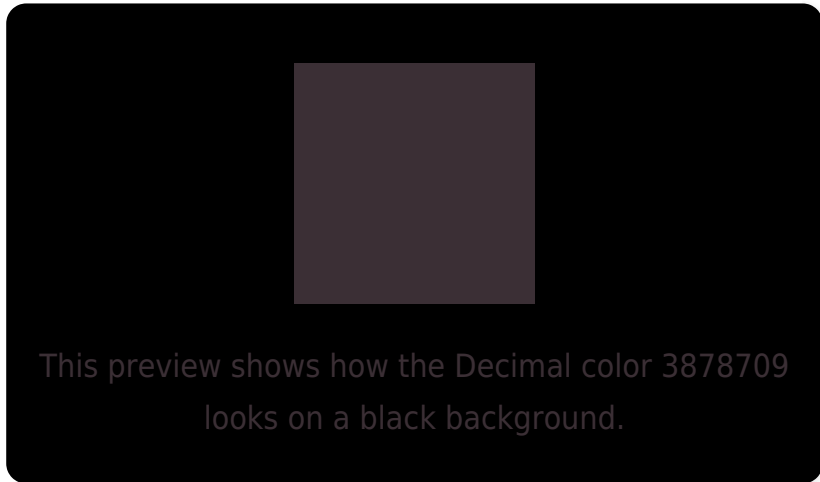
Large Text (above 18pt) WCAG AA ✓ Pass

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

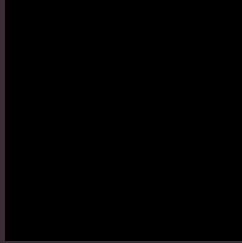
Any Text WCAG AA × Fail

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 3878709 Background



This preview shows how black text looks on a background with the Decimal color 3878709.



This preview shows how white text looks on a background with the Decimal color 3878709.

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
3878709

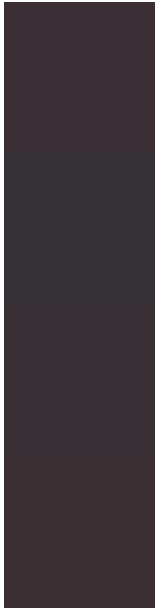
Protanopia
3289655

Deuteranopia
3551541



Tritanopia
3878707

Trichromacy



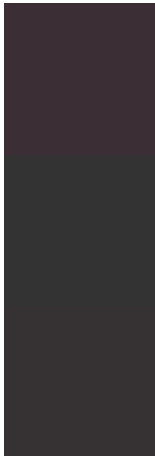
Original Color
3878709

Protanomaly
3486006

Deuteranomaly
3682357

Tritanomaly
3878708

Monochromacy



Original Color
3878709

Achromatopsia
3355443

Achromatomaly
3551796

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3878709 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 #3B2F35 looks like.

```
.text, #text, p{  
    color:#3B2F35  
}
```

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 #3B2F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B2F35
}
```

Border

The CSS property to change the border of an element to Decimal 3878709 is called "border". The border property can be set on classes, ids or directly on the HTML element.

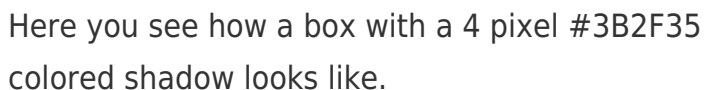
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B2F35 }
```

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

```
.border{ border-color:#3B2F35 }
```

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



Here you see how a box with a 4 pixel #3B2F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B2F35; -webkit-box-shadow:4px 4px  
4px 4px #3B2F35; box-shadow:4px 4px 4px  
4px #3B2F35 }
```

Background

The CSS property to change the background color of an element to Decimal 3878709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B2F35 }
```

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

```
.background{ background-color:#3B2F35 }
```

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