

# Converting Colors

Decimal(5790280)

Have a look what the booklet for  
Decimal(5790280) contains.

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# Color

**Decimal(5790280)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	585A48
RGB	88, 90, 72
RGB Percent	35%, 35%, 28%
CMY	0.6549, 0.6471, 0.7176
CMYK	0.02, 0.00, 0.20, 0.65
HSL	67°, 11%, 32%
HSV	67°, 20%, 35%
XYZ	8.8504, 9.8549, 7.5666
YIQ	87.3500, 4.5860, -6.0220

# Conversions

## Conversions Part 2

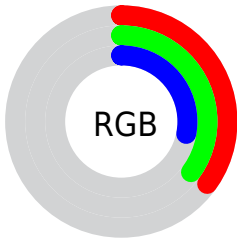
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 90, 74
Decimal	5790280
CIELab	37.58, -4.32, 10.15
CIELCh	38, 11.037, 113.070
Yxy	9.8549, 0.3369, 0.3751
Android (android.graphics.Color)	4283980360 (0xFF585A48)
YUV	87.3500, -7.5675, 0.5701
Hunter-Lab	31.3925, -4.6132, 7.6840

# Details

The Decimal color **5790280** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4868186**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **9079929**, and **2764060** is the 20% darker color. If you saturate the color by 10%, you get **5724735**, and if you desaturate by 10%, it is **5855825**.

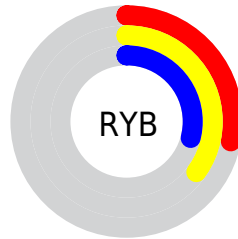
# Distribution



Red (35%)

Green (35%)

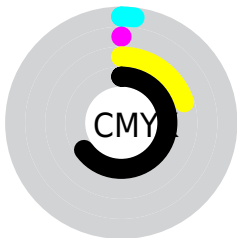
Blue (28%)



Red (28%)

Yellow (35%)

Blue (29%)

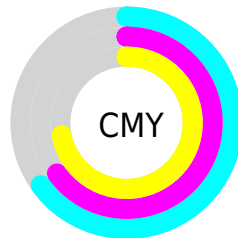


Cyan (2%)

Magenta (0%)

Yellow (20%)

Black (65%)



Cyan (65%)

Magenta (65%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5790280 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 5790280 by changing the saturation by 10% instead.



■ 5790280

■ 5790280

16777215

■ 4277041

■ 9079929

■ 2764060

■ 10790546

■ 1513475

■ 12632493

■ 0

■ 14409160

■ 16317156

■ 5790280

■ 5790280

■ 5724735

■ 5855825

■ 5659190

■ 5921370

■ 5593645

■ 5986915

■ 5528100

■ 6052460

■ 5462555

■ 6118005

■ 5397010

■ 6183550

■ 5331465

■ 6249095

■ 5265920

■ 6314640

■ 6380185

# Harmonies

## Analogous

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



6379335



5790280



5135438

# Triad

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



5790280



4414566



6902363

# Complementary

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



5790280



4868186

# 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.



6444131



5790280



5003882

# Square

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



5790280



4283743



5724009



7033682

# Rectangle

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



5790280



4742483



5724009



6771550



# Sweetspot

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



5790280



7697774



5917256



3816247



12237498



3881787



# Same Dimension

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



5790280



7501145



5200456



2960937



6385152



13888768



# Inverse Universe

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



4868186



6052213



5458010



2763054



786542



1704173



# Previews

## White Background



This preview shows how the Decimal color 5790280 looks on a white background.

## Color Contrast Check

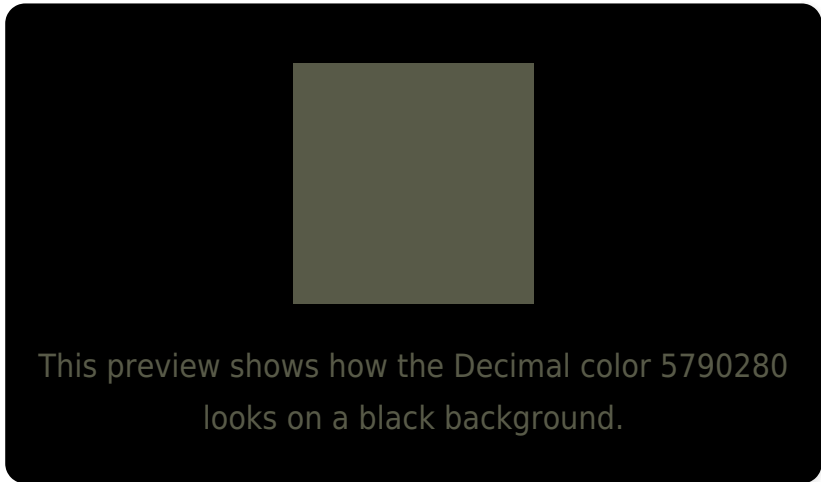
Large Text (above 18pt) WCAG AA ✓ Pass

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

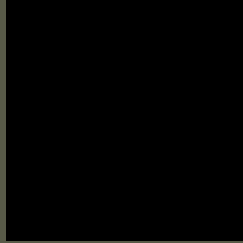
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

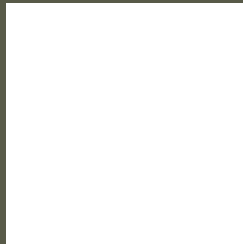
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5790280 Background



This preview shows how black text looks on a background with the Decimal color 5790280.



This preview shows how white text looks on a background with the Decimal color 5790280.

# 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**


5790280

**Protanopia**

6182983

**Deuteranopia**

6706505



**Tritanopia**  
5986142

# Trichromacy



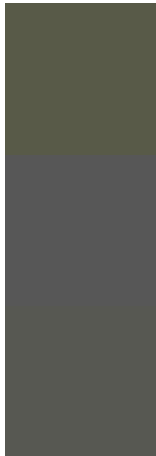
**Original Color**  
5790280

**Protanomaly**  
6052167

**Deuteranomaly**  
6379337

**Tritanomaly**  
5920854

# Monochromacy



**Original Color**  
5790280

**Achromatopsia**  
5723991

**Achromatomaly**  
5724242

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5790280 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 #585A48 looks like.

```
.text, #text, p{  
    color:#585A48  
}
```

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 #585A48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585A48
}
```

## Border

The CSS property to change the border of an element to Decimal 5790280 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
#585A48 }
```

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

```
.border{ border-color:#585A48 }
```

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

Here you see how a box with a 4 pixel #585A48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585A48; -webkit-box-shadow:4px 4px  
4px 4px #585A48; box-shadow:4px 4px 4px  
4px #585A48 }
```

# Background

The CSS property to change the background color of an element to Decimal 5790280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585A48 }
```

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

```
.background{ background-color:#585A48 }
```

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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