

# Converting Colors

Decimal(5795856)

Have a look what the booklet for  
Decimal(5795856) contains.

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**Color**

**Decimal(5795856)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	587010
RGB	88, 112, 16
RGB Percent	35%, 44%, 6%
CMY	0.6549, 0.5608, 0.9373
CMYK	0.21, 0.00, 0.86, 0.56
HSL	75°, 75%, 25%
HSV	75°, 86%, 44%
XYZ	9.9122, 13.7005, 2.6122
YIQ	93.8800, 16.5120, -34.9440

# Conversions

## Conversions Part 2

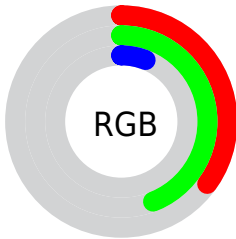
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">16, 112, 40</a>
Decimal	<a href="#">5795856</a>
CIELab	<a href="#">43.80, -22.41, 45.42</a>
CIELCh	<a href="#">44, 50.648, 116.261</a>
Yxy	<a href="#">13.7005, 0.3780, 0.5224</a>
Android (android.graphics.Color)	<a href="#">4283985936 (0xFF587010)</a>
YUV	<a href="#">93.8800, -38.3948, -5.1568</a>
Hunter-Lab	<a href="#">37.0141, -16.9733, 21.7256</a>

# Details

The Decimal color **5795856** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2625648**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **9282629**, and **2506752** is the 20% darker color. If you saturate the color by 10%, you get **5599237**, and if you desaturate by 10%, it is **5992475**.

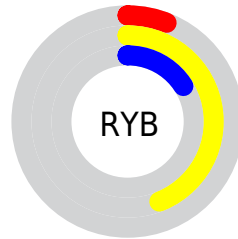
# Distribution



Red (35%)

Green (44%)

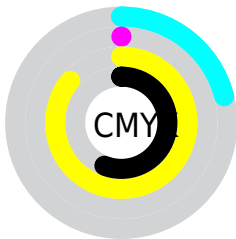
Blue (6%)



Red (6%)

Yellow (44%)

Blue (16%)

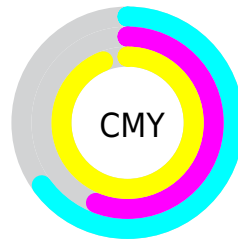


Cyan (21%)

Magenta (0%)

Yellow (86%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5795856 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 5795856 by changing the saturation by 10% instead.



 5795856

 5795856

16777215

 4151296

 9282629

 2506752

 11059039

 731648

 12901241

 5632

 14808980

 0

 16711599

 16777163

 16777191

 5795856

 5795856

■ 5599237

■ 5992475

■ 5533696

■ 6189094

■ 6320178

■ 6516797

■ 6713416

■ 6910035

■ 7106654

■ 7237738

■ 7434357

# Harmonies

## Analogous

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



8479746



5795856



1472310

# Triad

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



5795856



30637



11484783

# Complementary

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



5795856



2625648

# 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.



9784215



5795856



28348

# Square

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



5795856



31628



6119347



11616837

# Rectangle

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



5795856



31314



6119347



11092349



# Sweetspot

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



5795856



8950124



7350288



4475443



13224393



4868682



# Same Dimension

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



5795856



7180544



2650128



3618866



5928960



12252928



# Inverse Universe

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



2625648



2359441



5771376



3420728



1966200



4063479



# Previews

## White Background



This preview shows how the Decimal color 5795856 looks on a white background.

## Color Contrast Check

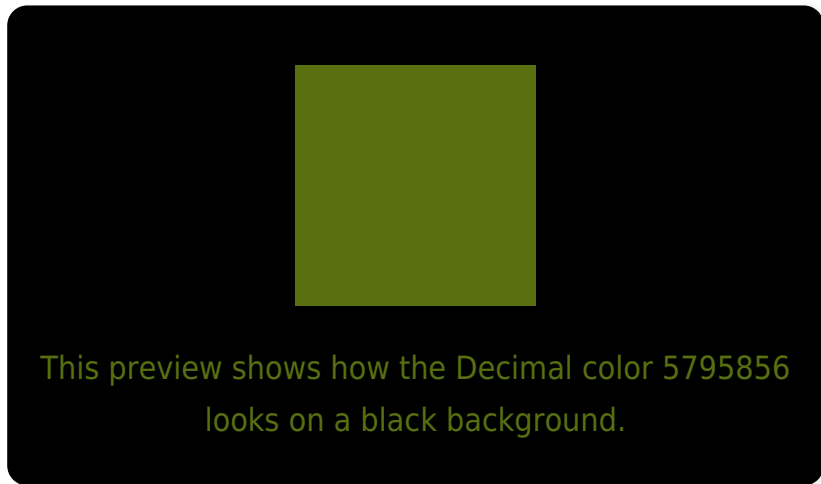
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 5795856 Background



This preview shows how black text looks on a background with the Decimal color 5795856.



This preview shows how white text looks on a background with the Decimal color 5795856.

# 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](#).

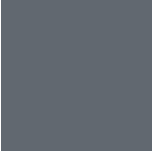
## Dichromacy



**Original Color**  
5795856

**Protanopia**  
7694349

**Deuteranopia**  
8544793



**Tritanopia**  
6383728

# Trichromacy



**Original Color**  
5795856

**Protanomaly**  
6974222

**Deuteranomaly**  
7563030

**Tritanomaly**  
6187853

# Monochromacy



**Original Color**  
5795856

**Achromatopsia**  
6184542

**Achromatomaly**  
6055234

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5795856 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 #587010 looks like.

```
.text, #text, p{  
    color:#587010  
}
```

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 #587010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587010
}
```

## Border

The CSS property to change the border of an element to Decimal 5795856 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
#587010 }
```

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

```
.border{ border-color:#587010 }
```

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

Here you see how a box with a 4 pixel #587010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587010; -webkit-box-shadow:4px 4px  
4px 4px #587010; box-shadow:4px 4px 4px  
4px #587010 }
```

# Background

The CSS property to change the background color of an element to Decimal 5795856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587010 }
```

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

```
.background{ background-color:#587010 }
```

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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