

# Converting Colors

Decimal(5793344)

Have a look what the booklet for  
Decimal(5793344) contains.

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# Color

**Decimal(5793344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	586640
RGB	88, 102, 64
RGB Percent	35%, 40%, 25%
CMY	0.6549, 0.6000, 0.7490
CMYK	0.14, 0.00, 0.37, 0.60
HSL	82°, 23%, 33%
HSV	82°, 37%, 40%
XYZ	9.7013, 11.9476, 6.6453
YIQ	93.4820, 3.8540, -14.7860

# Conversions

## Conversions Part 2

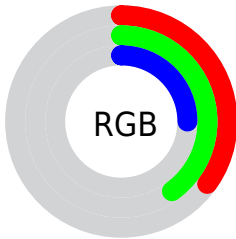
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 102, 78
Decimal	5793344
CIELab	41.13, -12.59, 19.76
CIELCh	41, 23.433, 122.508
Yxy	11.9476, 0.3429, 0.4223
Android (android.graphics.Color)	4283983424 (0xFF586640)
YUV	93.4820, -14.5346, -4.8077
Hunter-Lab	34.5653, -10.3906, 12.7970

# Details

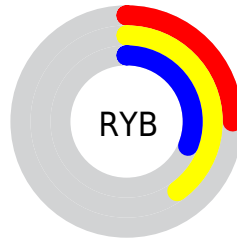
The Decimal color **5793344** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5128294**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **9083248**, and **2766612** is the 20% darker color. If you saturate the color by 10%, you get **5531190**, and if you desaturate by 10%, it is **6055498**.

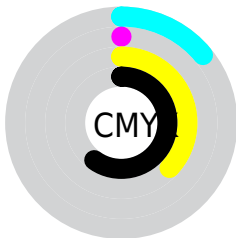
# Distribution



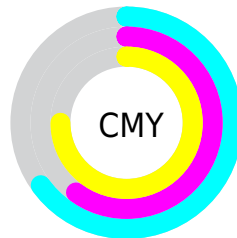
- Red (35%)
- Green (40%)
- Blue (25%)



- Red (25%)
- Yellow (40%)
- Blue (31%)



- Cyan (14%)
- Magenta (0%)
- Yellow (37%)
- Black (60%)



- Cyan (65%)
- Magenta (60%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5793344 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 5793344 by changing the saturation by 10% instead.



■ 5793344

■ 5793344

16777215

■ 4214314

■ 9083248

■ 2766612

■ 10859658

■ 1516032

■ 12636068

■ 2048

■ 14478527

■ 0

■ 16383963

■ 16777208

■ 5793344

■ 5793344

■ 5531190

■ 6055498

■ 5269036

■ 6317652

■ 5072417

■ 6514271

■ 4810263

■ 6776425

■ 4548109

■ 7038579

■ 4285955

■ 7300733

■ 4220416

■ 7497351

■ 7759506

■ 8021660

# Harmonies

## Analogous

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



7102522



5793344



4287055

# Triad

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



5793344



2779267



8802912

# Complementary

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



5793344



5128294

# 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.



8082803



5793344



4809351

# Square

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



5793344



1665909



6642561



8803405

# Rectangle

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



5793344



3238747



6642561



8606567



# Sweetspot

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



5793344



8357238



6704704



4145722



12763842



4342338



# Same Dimension

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



5793344



7308617



4548160



3224366



4748032



10088960



# Inverse Universe

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



5128294



6244741



6373478



3157555



2752627

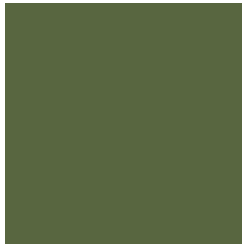


5832946



# Previews

## White Background



This preview shows how the Decimal color 5793344 looks on a white background.

## Color Contrast Check

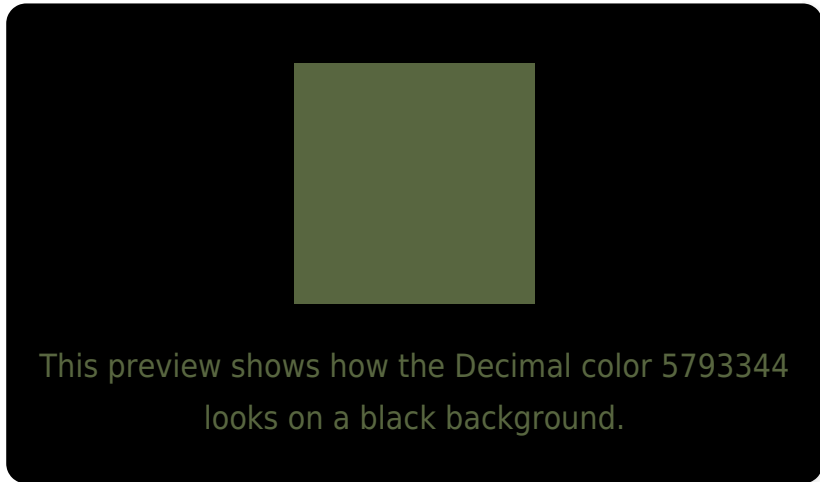
Large Text (above 18pt) WCAG AA ✓ Pass

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

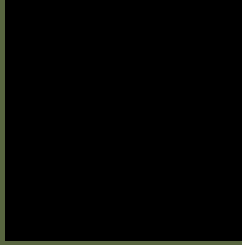
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5793344 Background



This preview shows how black text looks on a background with the Decimal color 5793344.



This preview shows how white text looks on a background with the Decimal color 5793344.

# 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**  
5793344

**Protanopia**  
6906174

**Deuteranopia**  
7626050



**Tritanopia**  
6185321

# Trichromacy



**Original Color**  
5793344

**Protanomaly**  
6513471

**Deuteranomaly**  
6971457

**Tritanomaly**  
6054746

# Monochromacy



**Original Color**  
5793344

**Achromatopsia**  
6118749

**Achromatomaly**  
5988434

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5793344 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 #586640 looks like.

```
.text, #text, p{  
    color:#586640  
}
```

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 #586640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586640
}
```

## Border

The CSS property to change the border of an element to Decimal 5793344 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
#586640 }
```

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

```
.border{ border-color:#586640 }
```

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

Here you see how a box with a 4 pixel #586640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586640; -webkit-box-shadow:4px 4px  
4px 4px #586640; box-shadow:4px 4px 4px  
4px #586640 }
```

# Background

The CSS property to change the background color of an element to Decimal 5793344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586640 }
```

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

```
.background{ background-color:#586640 }
```

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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