

# Converting Colors

Decimal(5860646)

Have a look what the booklet for  
Decimal(5860646) contains.

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**Color**

**Decimal(5860646)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	596D26
RGB	89, 109, 38
RGB Percent	35%, 43%, 15%
CMY	0.6510, 0.5725, 0.8510
CMYK	0.18, 0.00, 0.65, 0.57
HSL	77°, 48%, 29%
HSV	77°, 65%, 43%
XYZ	9.9383, 13.2011, 3.8580
YIQ	94.9260, 10.8710, -26.3210

# Conversions

## Conversions Part 2

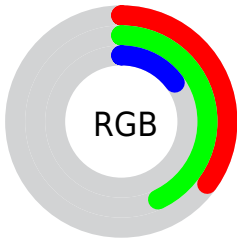
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 109, 58
Decimal	5860646
CIELab	43.06, -19.03, 36.15
CIElCh	43, 40.851, 117.769
Yxy	13.2011, 0.3681, 0.4890
Android (android.graphics.Color)	4284050726 (0xFF596D26)
YUV	94.9260, -28.0645, -5.1971
Hunter-Lab	36.3333, -14.7578, 19.1377

# Details

The Decimal color **5860646** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3810925**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **9281878**, and **2702592** is the 20% darker color. If you saturate the color by 10%, you get **5664027**, and if you desaturate by 10%, it is **6057265**.

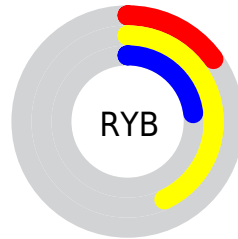
# Distribution



Red (35%)

Green (43%)

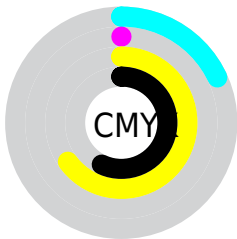
Blue (15%)



Red (15%)

Yellow (43%)

Blue (23%)

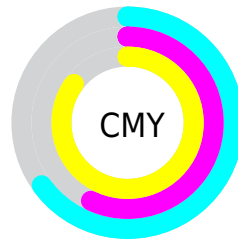


Cyan (18%)

Magenta (0%)

Yellow (65%)

Black (57%)



Cyan (65%)

Magenta (57%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5860646 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 5860646 by changing the saturation by 10% instead.





5860646



5860646

16777215



4216077



9281878



2702592



11058288



1058560



12900234



4864



14742692



0



16646080



16777180



16777209



5860646



5860646

■ 5664027

■ 6057265

■ 5467408

■ 6253884

■ 5270789

■ 6450503

■ 5139712

■ 6647122

■ 6843740

■ 7040359

■ 7236978

■ 7499133

■ 7695752

# Harmonies

## Analogous

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



8020766



5860646



2913088

# Triad

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



5860646



29342



10569834

# Complementary

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



5860646



3810925

# 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.



9261194



5860646



27305

# Square

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



5860646



30340



6512290



10701640

# Rectangle

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



5860646



30038



6512290



10307957



# Sweetspot

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



5860646



8884082



7158054



4409142



13092807



4671303



# Same Dimension

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



5860646



7311135



3632422



3421744



5534976



11597056



# Inverse Universe

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



3810925



4136847



6039149



3289142



2162805



4522229



# Previews

## White Background



This preview shows how the Decimal color 5860646 looks on a white background.

## Color Contrast Check

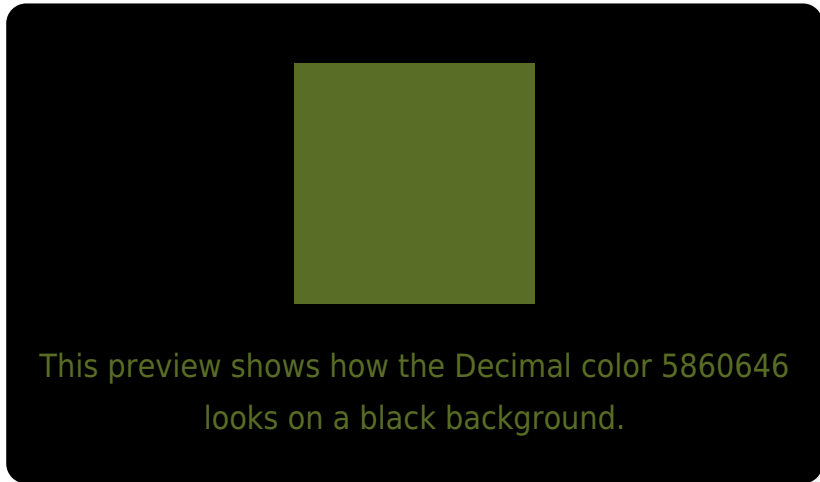
Large Text (above 18pt) WCAG AA ✓ Pass

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 5860646 Background



This preview shows how black text looks on a background with the Decimal color 5860646.



This preview shows how white text looks on a background with the Decimal color 5860646.

# 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**  
5860646

**Protanopia**  
7431716

**Deuteranopia**  
8282410



**Tritanopia**  
6383214

# Trichromacy



**Original Color**  
5860646

**Protanomaly**  
6842661

**Deuteranomaly**  
7431465

**Tritanomaly**  
6187348

# Monochromacy



**Original Color**  
5860646

**Achromatopsia**  
6250335

**Achromatomaly**  
6120522

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5860646 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 #596D26 looks like.

```
.text, #text, p{  
  color:#596D26  
}
```

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 #596D26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596D26
}
```

## Border

The CSS property to change the border of an element to Decimal 5860646 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
#596D26 }
```

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

```
.border{ border-color:#596D26 }
```

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

Here you see how a box with a 4 pixel #596D26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #596D26; -webkit-box-shadow:4px 4px  
4px 4px #596D26; box-shadow:4px 4px 4px  
4px #596D26 }
```

# Background

The CSS property to change the background color of an element to Decimal 5860646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596D26 }
```

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

```
.background{ background-color:#596D26 }
```

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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