

# Converting Colors

Decimal(6856310)

Have a look what the booklet for  
Decimal(6856310) contains.

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# Color

**Decimal(6856310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	689E76
RGB	104, 158, 118
RGB Percent	41%, 62%, 46%
CMY	0.5922, 0.3804, 0.5373
CMYK	0.34, 0.00, 0.25, 0.38
HSL	136°, 22%, 51%
HSV	136°, 34%, 62%
XYZ	21.2058, 28.7048, 21.5625
YIQ	137.2940, -19.3440, -23.8880

# Conversions

## Conversions Part 2

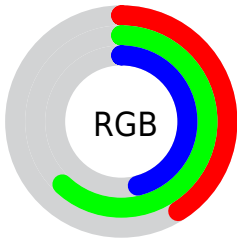
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 147, 158
Decimal	6856310
CIELab	60.52, -26.57, 15.36
CIElCh	61, 30.690, 149.978
Yxy	28.7048, 0.2967, 0.4016
Android (android.graphics.Color)	4285046390 (0xFF689E76)
YUV	137.2940, -9.5119, -29.1988
Hunter-Lab	53.5768, -23.1089, 13.6420

# Details

The Decimal color **6856310** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10381456**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **10343850**, and **3566149** is the 20% darker color. If you saturate the color by 10%, you get **5807722**, and if you desaturate by 10%, it is **7904898**.

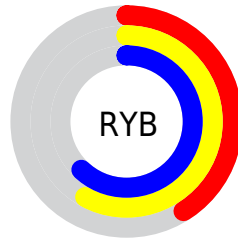
# Distribution



Red (41%)

Green (62%)

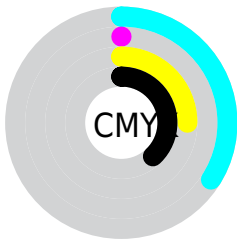
Blue (46%)



Red (41%)

Yellow (58%)

Blue (62%)

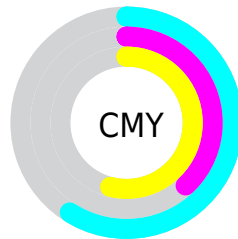


Cyan (34%)

Magenta (0%)

Yellow (25%)

Black (38%)



Cyan (59%)

Magenta (38%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6856310 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 6856310 by changing the saturation by 10% instead.





6856310



6856310

16777215



5211229



10343850



3566149



12120518



1921583



13959138



14874



15859710



9216



1024



0



6856310



6856310



5807722



7904898

■ 4759135

■ 8953485

■ 3776083

■ 9936537

■ 2727495

■ 10985125

■ 1678907

■ 12033713

■ 630320

■ 13082300

■ 40489

■ 14130888

■ 15113940

■ 16162527

# Harmonies

## Analogous

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



8951906



6856310



4694417

# Triad

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



6856310



7116232



13008760

# Complementary

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



6856310



10381456

# 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.



12942739



6856310



9800641

# Square

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



6856310



4365504



11829933



12224356

# Rectangle

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



6856310



3448995



11829933



13074049



# Sweetspot

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



6856310



12242879



9543272



6056287



15263976



6908265



# Same Dimension

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



6856310



8048528



6856337



4673353



36645



3844



# Inverse Universe

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



10381456



13597369



10381430



5195597



9371754



983051



# Previews

## White Background



This preview shows how the Decimal color 6856310 looks on a white 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

# Black Background



This preview shows how the Decimal color 6856310 looks on a black 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

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



## Decimal 6856310 Background



This preview shows how black text looks on a background with the Decimal color 6856310.



This preview shows how white text looks on a background with the Decimal color 6856310.

# 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





**Tritanopia**  
7444644

# Trichromacy



**Original Color**  
6856310

**Protanomaly**  
8951410

**Deuteranomaly**  
9540473

**Tritanomaly**  
7248531

# Monochromacy



**Original Color**  
6856310

**Achromatopsia**  
9013641

**Achromatomaly**  
8229250

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6856310 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 #689E76 looks like.

```
.text, #text, p{  
    color:#689E76  
}
```

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 #689E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689E76
}
```

## Border

The CSS property to change the border of an element to Decimal 6856310 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
#689E76 }
```

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

```
.border{ border-color:#689E76 }
```

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

Here you see how a box with a 4 pixel #689E76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689E76; -webkit-box-shadow:4px 4px  
4px 4px #689E76; box-shadow:4px 4px 4px  
4px #689E76 }
```

# Background

The CSS property to change the background color of an element to Decimal 6856310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689E76 }
```

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

```
.background{ background-color:#689E76 }
```

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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