

# Converting Colors

Decimal(6731376)

Have a look what the booklet for  
Decimal(6731376) contains.

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# **Color**

**Decimal(6731376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66B670
RGB	102, 182, 112
RGB Percent	40%, 71%, 44%
CMY	0.6000, 0.2863, 0.5608
CMYK	0.44, 0.00, 0.38, 0.29
HSL	128°, 35%, 56%
HSV	128°, 44%, 71%
XYZ	25.1321, 37.4505, 21.2333
YIQ	150.1000, -25.2100, -38.7300

# Conversions

## Conversions Part 2

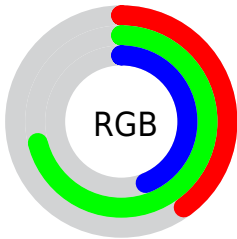
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 173, 182
Decimal	6731376
CIELab	67.61, -39.48, 28.18
CIELCh	68, 48.508, 144.481
Yxy	37.4505, 0.2998, 0.4468
Android (android.graphics.Color)	4284921456 (0xFF66B670)
YUV	150.1000, -18.7833, -42.1837
Hunter-Lab	61.1968, -33.7888, 22.2661

# Details

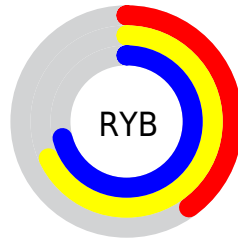
The Decimal color **6731376** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **11953836**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **10350244**, and **3113023** is the 20% darker color. If you saturate the color by 10%, you get **5551712**, and if you desaturate by 10%, it is **7911040**.

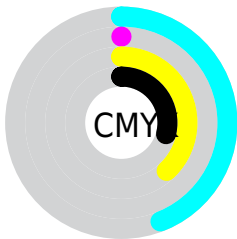
# Distribution



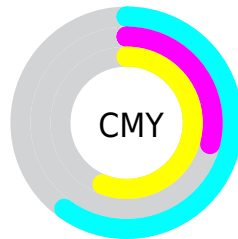
- Red (40%)
- Green (71%)
- Blue (44%)



- Red (40%)
- Yellow (68%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (29%)



- Cyan (60%)
- Magenta (29%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6731376 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 6731376 by changing the saturation by 10% instead.



6731376

6731376

16777215

4954967

10350244

3113023

12189632

812840

14090204

19985

15990776

13824

8704

0

6731376

6731376

5551712

7911040

 4372048

 9090704

 3126848

 10335904

 1947184

 11515568

 767520

 12695232

 46615

 13874896

 15054559

 16299759

 16758527

# Harmonies

## Analogous

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



10202450



6731376



47771

# Triad

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



6731376



4173051



16221059

# Complementary

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



6731376



11953836

# 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.



15827375



6731376



10198260

# Square

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



6731376



46827



13864152



15109983

# Rectangle

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



6731376



48057



13864152



16220305



# Sweetspot

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



6731376



13561298



11384422



6649959



16250871



7895160



# Same Dimension

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



6731376



7335295



6731415



5463124



39955



7172



# Inverse Universe

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



11953836



15560669



11953797



6050651



10223752



1835033



# Previews

## White Background



This preview shows how the Decimal color 6731376 looks on a white 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

# Black Background



This preview shows how the Decimal color 6731376 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

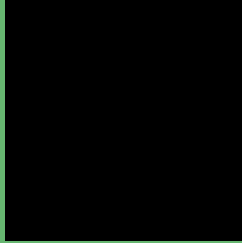
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6731376 Background



This preview shows how black text looks on a background with the Decimal color 6731376.

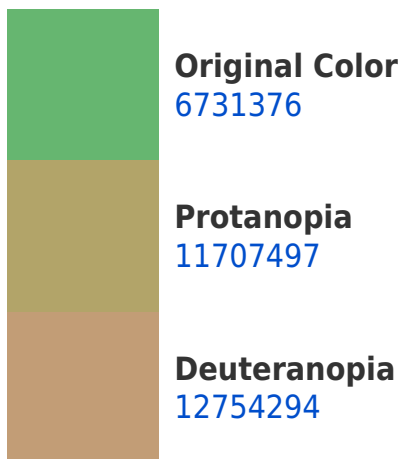


This preview shows how white text looks on a background with the Decimal color 6731376.

# 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**  
777723

# Trichromacy



**Original Color**

6731376



**Protanomaly**

9874284



**Deuteranomaly**

10593908



**Tritanomaly**

7385248

# Monochromacy



**Original Color**

6731376



**Achromatopsia**

9868950



**Achromatomaly**

8757896

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6731376 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 #66B670 looks like.

```
.text, #text, p{  
    color:#66B670  
}
```

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 #66B670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B670
}
```

## Border

The CSS property to change the border of an element to Decimal 6731376 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
#66B670 }
```

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

```
.border{ border-color:#66B670 }
```

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

Here you see how a box with a 4 pixel #66B670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B670; -webkit-box-shadow:4px 4px  
4px 4px #66B670; box-shadow:4px 4px 4px  
4px #66B670 }
```

# Background

The CSS property to change the background color of an element to Decimal 6731376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B670 }
```

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

```
.background{ background-color:#66B670 }
```

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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