

# Converting Colors

Decimal(6713186)

Have a look what the booklet for  
Decimal(6713186) contains.

<b>Decimal(6713186)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6713186)**

# Conversions

## Conversions Part 1

Format	Color
Hex	666F62
RGB	102, 111, 98
RGB Percent	40%, 44%, 38%
CMY	0.6000, 0.5647, 0.6157
CMYK	0.08, 0.00, 0.12, 0.56
HSL	102°, 6%, 41%
HSV	102°, 12%, 44%
XYZ	13.3685, 15.0755, 13.7605
YIQ	106.8270, -1.1910, -5.9510

# Conversions

## Conversions Part 2

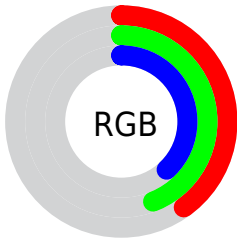
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 111, 107
Decimal	6713186
CIE Lab	45.74, -6.08, 6.08
CIE LCh	46, 8.598, 135.024
Yxy	15.0755, 0.3168, 0.3572
Android (android.graphics.Color)	4284903266 (0xFF666F62)
YUV	106.8270, -4.3517, -4.2333
Hunter-Lab	38.8272, -6.4885, 6.1664

# Details

The Decimal color **6713186** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7037551**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **10068885**, and **3620660** is the 20% darker color. If you saturate the color by 10%, you get **6188887**, and if you desaturate by 10%, it is **7237485**.

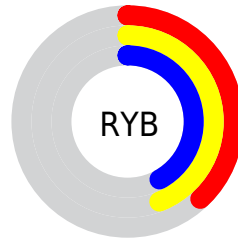
# Distribution



Red (40%)

Green (44%)

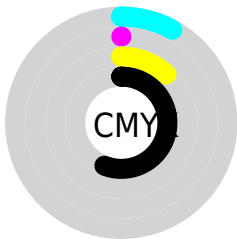
Blue (38%)



Red (38%)

Yellow (44%)

Blue (42%)

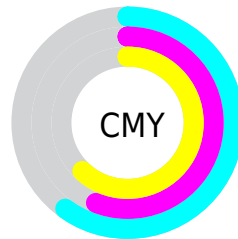


Cyan (8%)

Magenta (0%)

Yellow (12%)

Black (56%)



Cyan (60%)

Magenta (56%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6713186 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 6713186 by changing the saturation by 10% instead.





6713186



6713186

16777215



5134154



10068885



3620660



11845295



2238750



13621707



791814



15529703



0



6713186



6713186



6188887



7237485



5730124



7696248



5205825



8220547

■ 4681526

■ 8744846

■ 4222763

■ 9203610

■ 3698463

■ 9727909

■ 3174164

■ 10252208

■ 2715401

■ 10710971

■ 2256640

■ 11235270

# Harmonies

## Analogous

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



7236958



6713186



6254696

# Triad

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



6713186



6385274



8152937

# Complementary

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



6713186



7037551

# 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.



7956592



6713186



6909050

# Square

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



6713186



5992566



7498102



8087906

# Rectangle

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



6713186



5992813



7498102



8087403



# Sweetspot

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



6713186



9277836



7301986



4672070



13224393



4868682



# Same Dimension

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



6713186



8622461



6451044



3422258



2455552



5043968



# Inverse Universe

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



7037551



9141649



7299693



3551800



5439608



11206903



# Previews

## White Background



This preview shows how the Decimal color 6713186 looks on a white background.

## Color Contrast Check

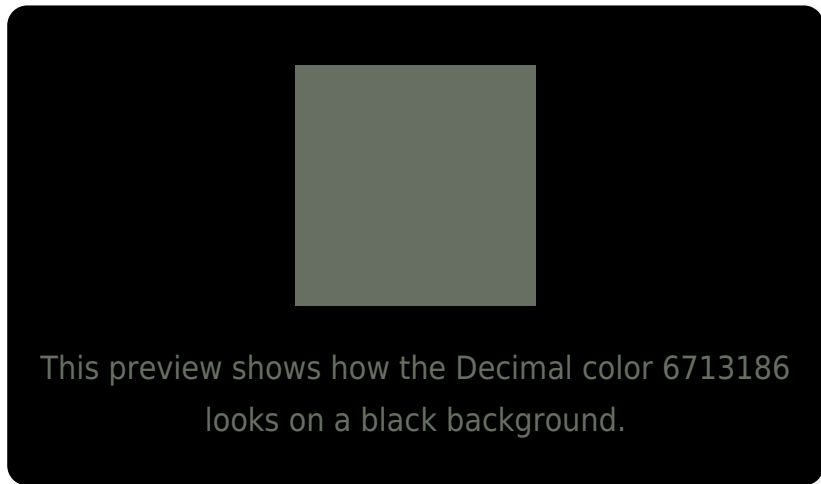
Large Text (above 18pt) WCAG AA ✓ Pass

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

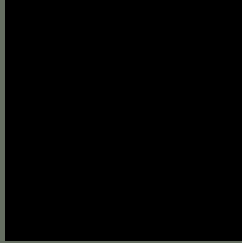
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

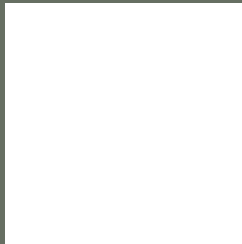
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6713186 Background



This preview shows how black text looks on a background with the Decimal color 6713186.



This preview shows how white text looks on a background with the Decimal color 6713186.

# 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**  
6713186

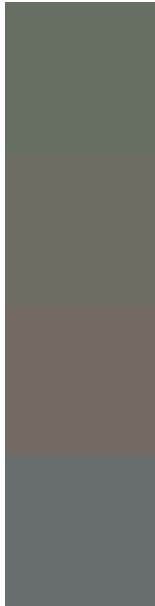
**Protanopia**  
7433312

**Deuteranopia**  
8022115



**Tritanopia**  
6909045

# Trichromacy



**Original Color**  
6713186

**Protanomaly**  
7171425

**Deuteranomaly**  
7564131

**Tritanomaly**  
6843758

# Monochromacy



**Original Color**  
6713186

**Achromatopsia**  
7039851

**Achromatomaly**  
6909032

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6713186 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 #666F62 looks like.

```
.text, #text, p{  
    color:#666F62  
}
```

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 #666F62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666F62
}
```

## Border

The CSS property to change the border of an element to Decimal 6713186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

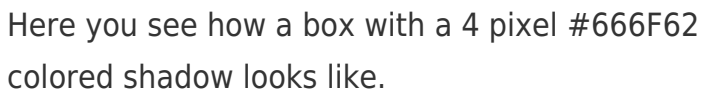
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#666F62 }
```

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

```
.border{ border-color:#666F62 }
```

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



Here you see how a box with a 4 pixel #666F62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666F62; -webkit-box-shadow:4px 4px  
4px 4px #666F62; box-shadow:4px 4px 4px  
4px #666F62 }
```

# Background

The CSS property to change the background color of an element to Decimal 6713186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666F62 }
```

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

```
.background{ background-color:#666F62 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor