

# Converting Colors

Decimal(6516306)

Have a look what the booklet for  
Decimal(6516306) contains.

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# Color

**Decimal(6516306)**

# Conversions

Conversions Part 1	
Format	Color
Hex	636E52
RGB	99, 110, 82
RGB Percent	39%, 43%, 32%
CMY	0.6118, 0.5686, 0.6784
CMYK	0.10, 0.00, 0.25, 0.57
HSL	84°, 15%, 38%
HSV	84°, 25%, 43%
XYZ	12.2445, 14.4137, 10.1194
YIQ	103.5190, 2.4320, -11.0400

# Conversions

## Conversions Part 2

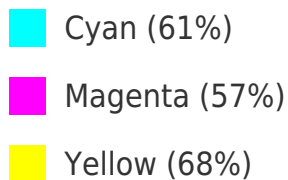
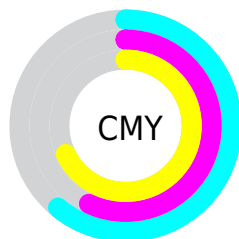
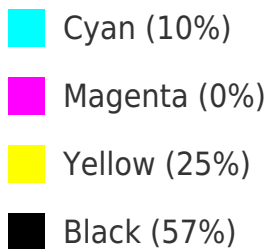
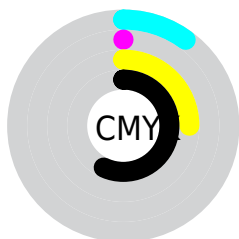
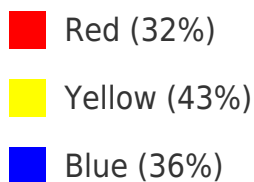
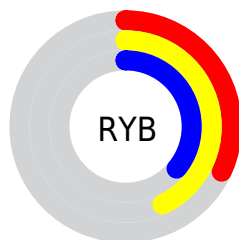
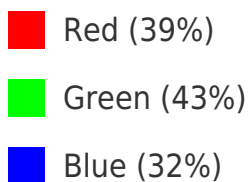
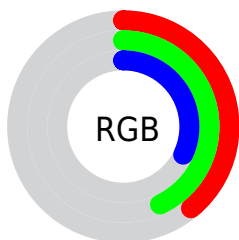
Format	Color
<a href="#">RYB</a>	<a href="#">82, 110, 93</a>
Decimal	<a href="#">6516306</a>
CIELab	<a href="#">44.82, -9.63, 14.27</a>
CIELCh	<a href="#">45, 17.217, 124.020</a>
Yxy	<a href="#">14.4137, 0.3329, 0.3919</a>
Android (android.graphics.Color)	<a href="#">4284706386</a> (0xFF636E52)
YUV	<a href="#">103.5190, -10.6089, -3.9632</a>
Hunter-Lab	<a href="#">37.9654, -8.8700, 10.7724</a>

# Details

The Decimal color **6516306** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6115950**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **9872004**, and **3423781** is the 20% darker color. If you saturate the color by 10%, you get **6254151**, and if you desaturate by 10%, it is **6778461**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Decimal color 6516306 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 6516306 by changing the saturation by 10% instead.



 6516306

 6516306

16777215

 4937275

 9872004

 3423781

 11648414

 1976592

 13424825

 136448

 15332820

 0

 16777201

 6516306

 6516306

 6254151

 6778461

 5926460

 7106152

 5664305

 7368307

 5402150

 7630462

 5074459

 7958153

 4812304

 8220308

 4550149

 8482463

 4419072

 8810154

 9072309

# Harmonies

## Analogous

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



7563853



6516306



5468509

# Triad

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



6516306



4812675



8806505

# Complementary

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



6516306



6115950

# 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.



8282487



6516306



5991302

# Square

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



6516306



4223354



7300738



8806747

# Rectangle

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



6516306



4813415



7300738



8740973



# Sweetspot

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



6516306



9080707



7232850



4540224



13092807



4671303



# Same Dimension

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



6516306



8228707



5598802



3553330



4814848



9893632



# Inverse Universe

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



6115950



7627663



7033454



3486264



3080312



6357239



# Previews

## White Background



This preview shows how the Decimal color 6516306 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



This preview shows how the Decimal color 6516306 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

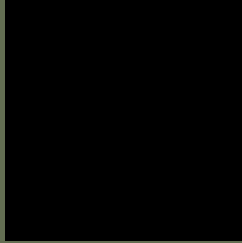
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6516306 Background



This preview shows how black text looks on a background with the Decimal color 6516306.



This preview shows how white text looks on a background with the Decimal color 6516306.

# 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**

6516306

**Protanopia**

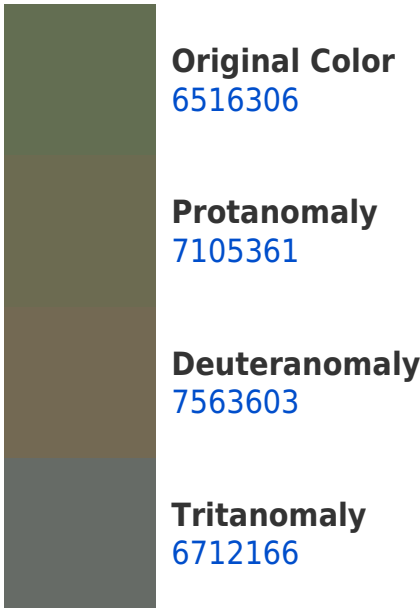
7432784

**Deuteranopia**

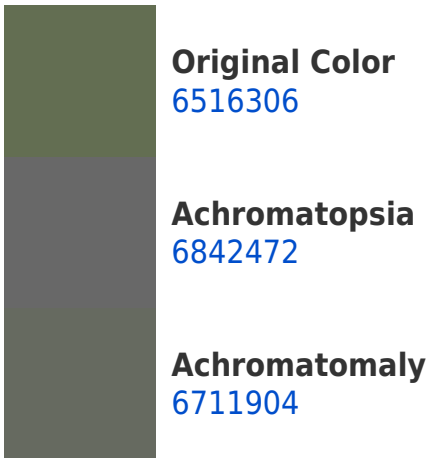
8152660



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6516306 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 #636E52 looks like.

```
.text, #text, p{  
    color:#636E52  
}
```

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 #636E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636E52
}
```

## Border

The CSS property to change the border of an element to Decimal 6516306 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
#636E52 }
```

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

```
.border{ border-color:#636E52 }
```

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

Here you see how a box with a 4 pixel #636E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636E52; -webkit-box-shadow:4px 4px  
4px 4px #636E52; box-shadow:4px 4px 4px  
4px #636E52 }
```

# Background

The CSS property to change the background color of an element to Decimal 6516306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636E52 }
```

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

```
.background{ background-color:#636E52 }
```

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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