

# Converting Colors

Decimal(6506326)

Have a look what the booklet for  
Decimal(6506326) contains.

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# Color

**Decimal(6506326)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	634756
RGB	99, 71, 86
RGB Percent	39%, 28%, 34%
CMY	0.6118, 0.7216, 0.6627
CMYK	0.00, 0.28, 0.13, 0.61
HSL	328°, 16%, 33%
HSV	328°, 28%, 39%
XYZ	9.0785, 7.8310, 9.8371
YIQ	81.0820, 11.8730, 10.6010

# Conversions

## Conversions Part 2

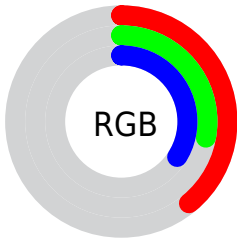
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 71, 86
Decimal	6506326
CIELab	33.63, 14.64, -4.18
CIELCh	34, 15.226, 344.080
Yxy	7.8310, 0.3394, 0.2928
Android (android.graphics.Color)	4284696406 (0xFF634756)
YUV	81.0820, 2.4246, 15.7141
Hunter-Lab	27.9839, 8.9370, -1.2533

# Details

The Decimal color **6506326** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4678484**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **9861256**, and **3414825** is the 20% darker color. If you saturate the color by 10%, you get **6503761**, and if you desaturate by 10%, it is **6508891**.

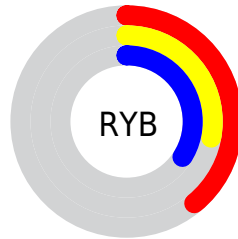
# Distribution



Red (39%)

Green (28%)

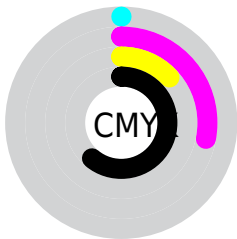
Blue (34%)



Red (39%)

Yellow (28%)

Blue (34%)

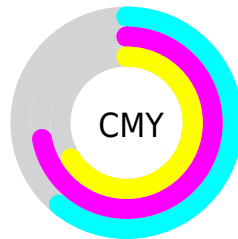


Cyan (0%)

Magenta (28%)

Yellow (13%)

Black (61%)



Cyan (61%)

Magenta (72%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6506326 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 6506326 by changing the saturation by 10% instead.





6506326



6506326

16777215



4927551



9861256



3414825



11637154



2097685



13479101



0



15321049



16770293



6506326



6506326



6503761



6508891



6501197



6511455

6498632

6514020

6496068

6516584

6493759

6519149

6491194

6521458

6488630

6524022

6488117

6526587

6529151

# Harmonies

## Analogous

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



5786208



6506326



6833738

# Triad

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



6506326



5394488



2905439

# Complementary

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



6506326



4678484

# 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.



2971220



6506326



4477757

# Square

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



6506326



6179896



3626312



3625574

# Rectangle

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



6506326



6768450



3626312



2839900



# Sweetspot

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



6506326



8418683



5523299



4208957



12566463



4210752



# Same Dimension

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



6506326



8410219



6506312



3157038



7340092



15728768



# Inverse Universe

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



6506326



8410219



4678498



3157038



7340092

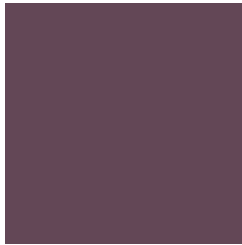


15728768



# Previews

## White Background



This preview shows how the Decimal color 6506326 looks on a white background.

## Color Contrast Check

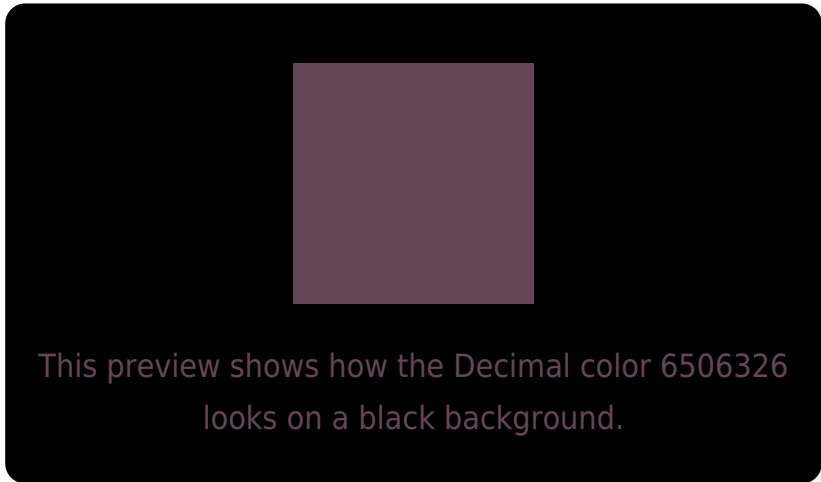
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

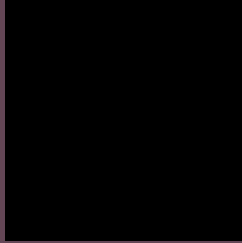
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6506326 Background



This preview shows how black text looks on a background with the Decimal color 6506326.

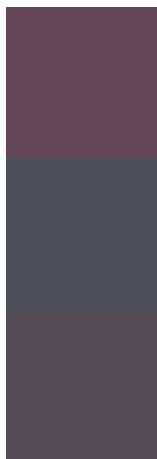


This preview shows how white text looks on a background with the Decimal color 6506326.

# 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**  
6506326

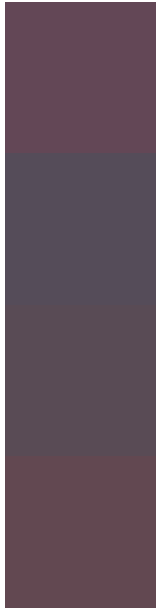
**Protanopia**  
5066587

**Deuteranopia**  
5524821



**Tritanopia**  
6441038

# Trichromacy



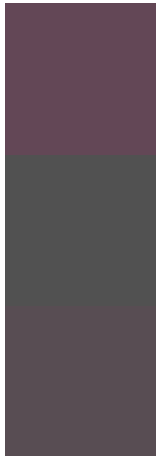
**Original Color**  
6506326

**Protanomaly**  
5590105

**Deuteranomaly**  
5851989

**Tritanomaly**  
6441041

# Monochromacy



**Original Color**  
6506326

**Achromatopsia**  
5329233

**Achromatomaly**  
5786963

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6506326 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 #634756 looks like.

```
.text, #text, p{  
    color:#634756  
}
```

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 #634756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634756
}
```

## Border

The CSS property to change the border of an element to Decimal 6506326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

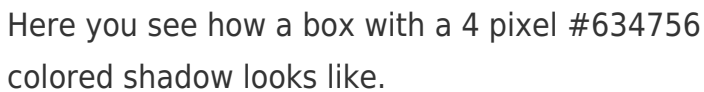
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634756 }
```

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

```
.border{ border-color:#634756 }
```

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



Here you see how a box with a 4 pixel #634756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634756; -webkit-box-shadow:4px 4px  
4px 4px #634756; box-shadow:4px 4px 4px  
4px #634756 }
```

# Background

The CSS property to change the background color of an element to Decimal 6506326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634756 }
```

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

```
.background{ background-color:#634756 }
```

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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