

# Converting Colors

Decimal(6573146)

Have a look what the booklet for  
Decimal(6573146) contains.

<b>Decimal(6573146)</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(6573146)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	644C5A
RGB	100, 76, 90
RGB Percent	39%, 30%, 35%
CMY	0.6078, 0.7020, 0.6471
CMYK	0.00, 0.24, 0.10, 0.61
HSL	325°, 14%, 35%
HSV	325°, 24%, 39%
XYZ	9.6854, 8.6164, 10.8255
YIQ	84.7720, 9.8100, 9.4420

# Conversions

## Conversions Part 2

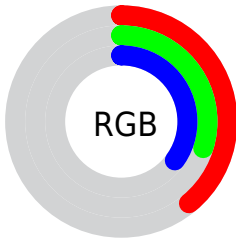
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 76, 90
Decimal	6573146
CIE Lab	35.23, 12.70, -4.32
CIE LCh	35, 13.414, 341.228
Yxy	8.6164, 0.3325, 0.2958
Android (android.graphics.Color)	4284763226 (0xFF644C5A)
YUV	84.7720, 2.5774, 13.3550
Hunter-Lab	29.3537, 7.5282, -1.3183




# Details

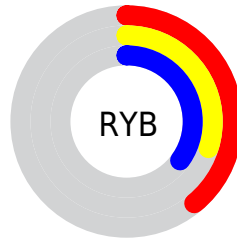
The Decimal color **6573146** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5006422**, and the grayscale version is **5592405**.




A 20% lighter version of the original color is **9928076**, and **3481644** is the 20% darker color. If you saturate the color by 10%, you get **6570582**, and if you desaturate by 10%, it is **6575710**.

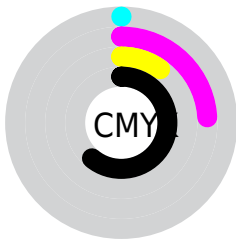
# Distribution







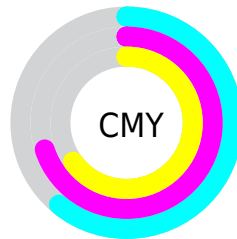
-  Red (39%)
-  Green (30%)
-  Blue (35%)






-  Red (39%)
-  Yellow (30%)
-  Blue (35%)



-  Cyan (0%)
-  Magenta (24%)
-  Yellow (10%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (70%)
-  Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6573146 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 6573146 by changing the saturation by 10% instead.



6573146

6573146

16777215

4994371

9928076

3481644

11704230

2099736

13546178

0

15388125

16771578

6573146

6573146

6570582

6575710

6568018

6578274

6565454

6580839

6562889

6583403

6560325

6585967

6557761

6588531

6555197

6591095

6553658

6593659

6596224

# Harmonies

## Analogous

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



5918563



6573146



6900559

# Triad

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



6573146



5722942



3496033

# Complementary

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



6573146



5006422

# 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.



3561815



6573146



4937283

# Square

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



6573146



6377535



4151372



4085351

# Rectangle

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



6573146



6900808



4151372



3496286



# Sweetspot

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



6573146



8550782



5655652



4341056



12763842



4342338



# Same Dimension

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



6573146



8543346



6573134



3354161



7536707



15859853



# Inverse Universe

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



6573146



8543346



5006434



3354161



7536707

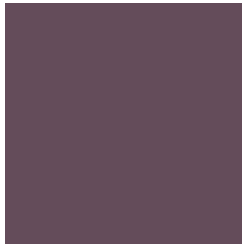


15859853



# Previews

## White Background



This preview shows how the Decimal color 6573146 looks on a white background.

## Color Contrast Check

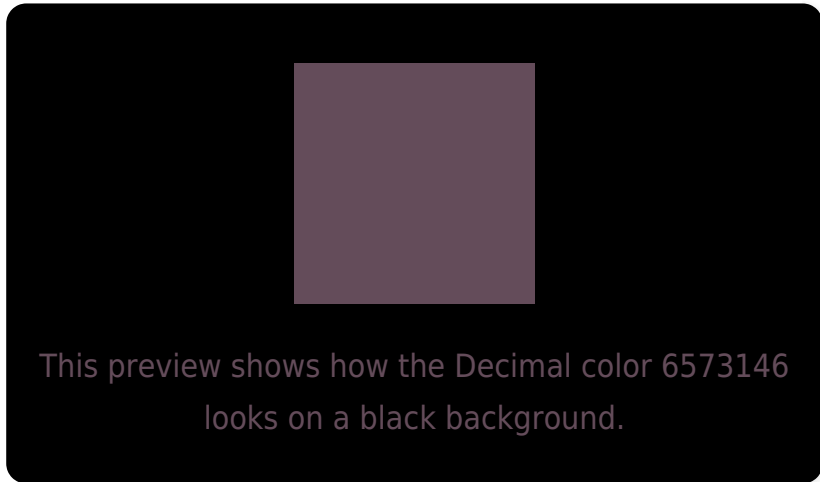
Large Text (above 18pt) WCAG AA ✓ Pass

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

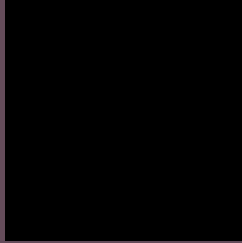
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6573146 Background



This preview shows how black text looks on a background with the Decimal color 6573146.



This preview shows how white text looks on a background with the Decimal color 6573146.

# 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**  
6573146

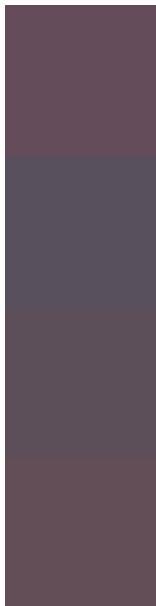
**Protanopia**  
5329502

**Deuteranopia**  
5787993



**Tritanopia**  
6507859

# Trichromacy



**Original Color**

6573146

**Protanomaly**

5787741

**Deuteranomaly**

6049625

**Tritanomaly**

6507862

# Monochromacy



**Original Color**

6573146

**Achromatopsia**

5592405

**Achromatomaly**

5919319

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6573146 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 #644C5A looks like.

```
.text, #text, p{  
  color:#644C5A  
}
```

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 #644C5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644C5A
}
```

## Border

The CSS property to change the border of an element to Decimal 6573146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

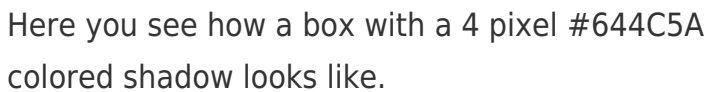
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644C5A }
```

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

```
.border{ border-color:#644C5A }
```

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



Here you see how a box with a 4 pixel #644C5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644C5A; -webkit-box-shadow:4px 4px  
4px 4px #644C5A; box-shadow:4px 4px 4px  
4px #644C5A }
```

# Background

The CSS property to change the background color of an element to Decimal 6573146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644C5A }
```

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

```
.background{ background-color:#644C5A }
```

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