

# Converting Colors

Decimal(6505812)

Have a look what the booklet for  
Decimal(6505812) contains.

<b>Decimal(6505812)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(6505812)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	634554
RGB	99, 69, 84
RGB Percent	39%, 27%, 33%
CMY	0.6118, 0.7294, 0.6706
CMYK	0.00, 0.30, 0.15, 0.61
HSL	330°, 18%, 33%
HSV	330°, 30%, 39%
XYZ	8.8739, 7.5490, 9.3769
YIQ	79.6800, 13.0650, 11.0250

# Conversions

## Conversions Part 2

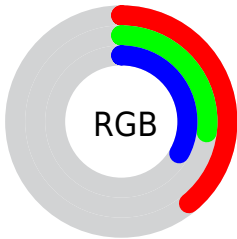
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 69, 84
Decimal	6505812
CIE <sub>Lab</sub>	33.03, 15.51, -3.79
CIE <sub>LCh</sub>	33, 15.969, 346.255
Yxy	7.5490, 0.3440, 0.2926
Android (android.graphics.Color)	4284695892 (0xFF634554)
YUV	79.6800, 2.1298, 16.9436
Hunter-Lab	27.4754, 9.5695, -1.0019

# Details

The Decimal color **6505812** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4547412**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **9860741**, and **3414311** is the 20% darker color. If you saturate the color by 10%, you get **6503247**, and if you desaturate by 10%, it is **6508377**.

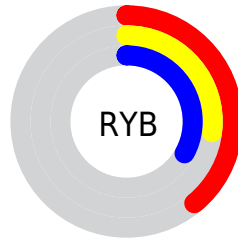
# Distribution



Red (39%)

Green (27%)

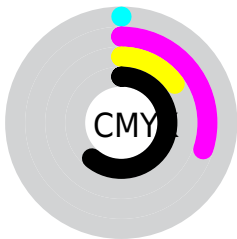
Blue (33%)



Red (39%)

Yellow (27%)

Blue (33%)

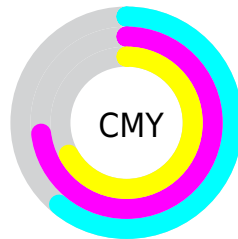


Cyan (0%)

Magenta (30%)

Yellow (15%)

Black (61%)



Cyan (61%)

Magenta (73%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6505812 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 6505812 by changing the saturation by 10% instead.



■ 6505812

■ 6505812

16777215

■ 4927037

■ 9860741

■ 3414311

■ 11636640

■ 2097171

■ 13478587

■ 0

■ 15320534

■ 16769523

16776959

■ 6505812

■ 6505812

■ 6503247

■ 6508377

6500682

6510942

6498117

6513507

6495552

6516072

6492987

6518637

6490678

6520946

6488114

6523511

6526076

6528641

# Harmonies

## Analogous

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



5785695



6505812



6767943

# Triad

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



6505812



5263157



2708319

# Complementary

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



6505812



4547412

# 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.



2643284



6505812



4280892

# Square

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



6505812



6048565



3363911



3494246

# Rectangle

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



6505812



6702655



3363911



2577500



# Sweetspot

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



6505812



8418426



5522787



4208956



12566463



4210752



# Same Dimension

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



6505812



8409705



6505797



3157038



7340088



15728760



# Inverse Universe

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



6505812



8409705



4547427



3157038



7340088

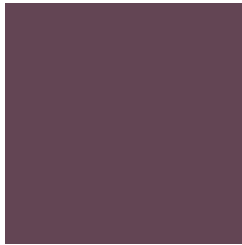


15728760



# Previews

## White Background



This preview shows how the Decimal color 6505812 looks on a white background.

## Color Contrast Check

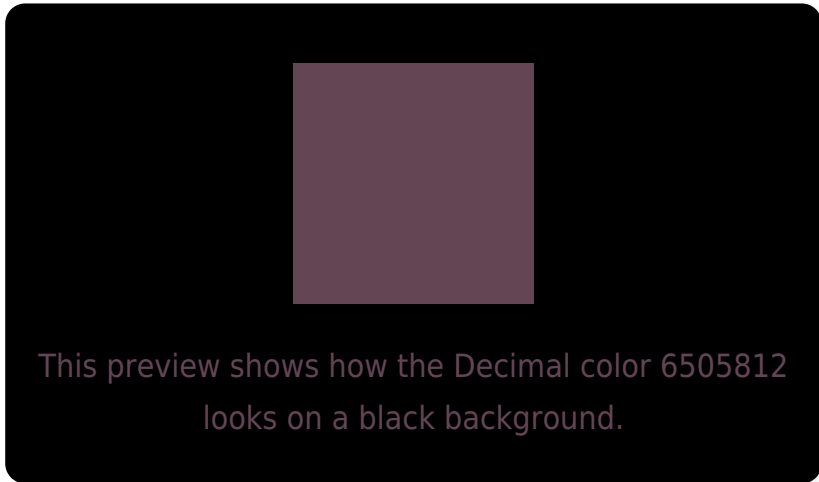
Large Text (above 18pt) WCAG AA ✓ Pass

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

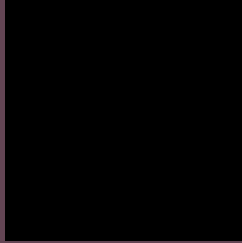
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6505812 Background



This preview shows how black text looks on a background with the Decimal color 6505812.



This preview shows how white text looks on a background with the Decimal color 6505812.

# 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**  
6505812

**Protanopia**  
5000537

**Deuteranopia**  
5459027



**Tritanopia**  
6440524

# Trichromacy



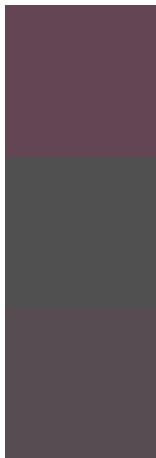
**Original Color**  
6505812

**Protanomaly**  
5524055

**Deuteranomaly**  
5851475

**Tritanomaly**  
6440527

# Monochromacy



**Original Color**  
6505812

**Achromatopsia**  
5263440

**Achromatomaly**  
5721169

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6505812 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 #634554 looks like.

```
.text, #text, p{  
    color:#634554  
}
```

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 #634554 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634554
}
```

## Border

The CSS property to change the border of an element to Decimal 6505812 is called "border". The border property can be set on classes, ids or directly on the HTML element.

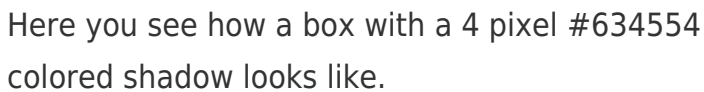
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634554 }
```

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

```
.border{ border-color:#634554 }
```

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



Here you see how a box with a 4 pixel #634554 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634554; -webkit-box-shadow:4px 4px  
4px 4px #634554; box-shadow:4px 4px 4px  
4px #634554 }
```

# Background

The CSS property to change the background color of an element to Decimal 6505812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634554 }
```

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

```
.background{ background-color:#634554 }
```

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