

# Converting Colors

Decimal(6639634)

Have a look what the booklet for  
Decimal(6639634) contains.

<b>Decimal(6639634)</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(6639634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	655012
RGB	101, 80, 18
RGB Percent	40%, 31%, 7%
CMY	0.6039, 0.6863, 0.9294
CMYK	0.00, 0.21, 0.82, 0.60
HSL	45°, 70%, 23%
HSV	45°, 82%, 40%
XYZ	8.3447, 8.5477, 1.7823
YIQ	79.2110, 32.4180, -14.8300

# Conversions

## Conversions Part 2

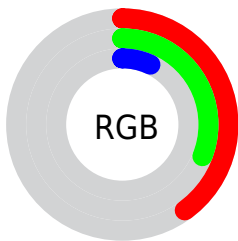
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 101, 18
Decimal	6639634
CIELab	35.10, 1.97, 37.32
CIELCh	35, 37.371, 86.973
Yxy	8.5477, 0.4468, 0.4577
Android (android.graphics.Color)	4284829714 (0xFF655012)
YUV	79.2110, -30.1770, 19.1090
Hunter-Lab	29.2364, -0.2163, 16.8510

# Details

The Decimal color **6639634** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1189733**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **10191170**, and **3286016** is the 20% darker color. If you saturate the color by 10%, you get **6638856**, and if you desaturate by 10%, it is **6640412**.

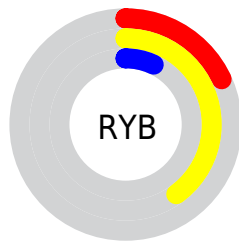
# Distribution



Red (40%)

Green (31%)

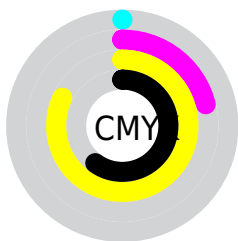
Blue (7%)



Red (18%)

Yellow (40%)

Blue (7%)

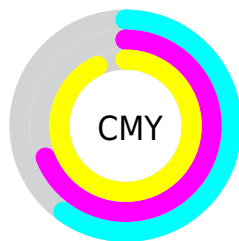


Cyan (0%)

Magenta (21%)

Yellow (82%)

Black (60%)



Cyan (60%)

Magenta (69%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6639634 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 6639634 by changing the saturation by 10% instead.





6639634



6639634

16777213



4929792



10191170



3286016



12032859



1707776



13874804



0



15782286



16772521



16777156



16777185



6639634



6639634

■ 6638856

■ 6640412

■ 6638336

■ 6640934

■ 6641712

■ 6642234

■ 6643013

■ 6643535

■ 6644313

■ 6644835

■ 6645613

# Harmonies

## Analogous

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



8078624



6639634



4741401

# Triad

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



6639634



24941



7618419

# Complementary

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



6639634



1189733

# 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.



5131400



6639634



24196

# Square

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



6639634



24910



22414



8795991

# Rectangle

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



6639634



3104040



22414



6964092



# Sweetspot

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



6639634



8551010



6623784



4341038



12763842



4342338



# Same Dimension

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



6639634



8544513



5399826



3355182



7558656



15906048



# Inverse Universe

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



1189733



74370



2429541



3026739



7539

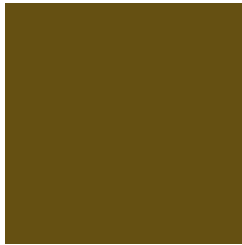


15858



# Previews

## White Background



This preview shows how the Decimal color 6639634 looks on a white background.

## Color Contrast Check

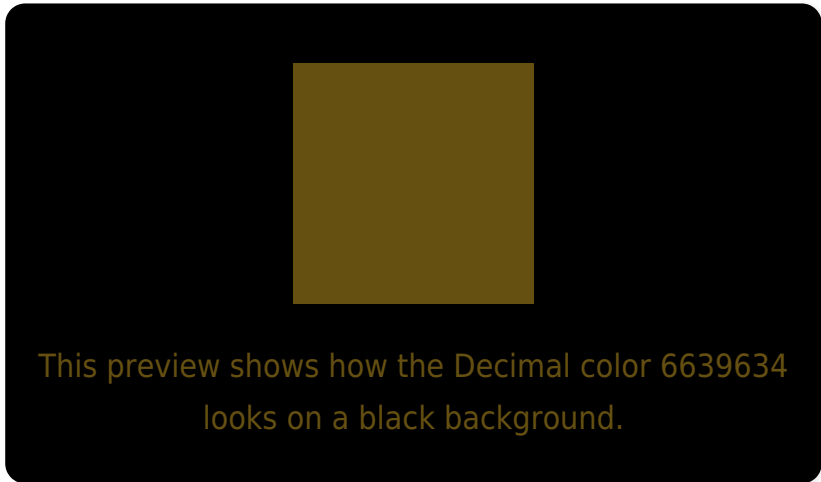
Large Text (above 18pt) WCAG AA ✓ Pass

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

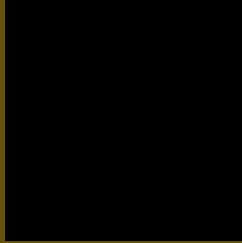
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6639634 Background



This preview shows how black text looks on a background with the Decimal color 6639634.



This preview shows how white text looks on a background with the Decimal color 6639634.

# 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**  
6639634

**Protanopia**  
6116115

**Deuteranopia**  
6835987



**Tritanopia**  
6900560

# Trichromacy



**Original Color**  
6639634

**Protanomaly**  
6312467

**Deuteranomaly**  
6770451

**Tritanomaly**  
6835513

# Monochromacy



**Original Color**  
6639634

**Achromatopsia**  
5197647

**Achromatomaly**  
5721913

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6639634 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 #655012 looks like.

```
.text, #text, p{  
    color:#655012  
}
```

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 #655012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #655012
}
```

## Border

The CSS property to change the border of an element to Decimal 6639634 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
#655012 }
```

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

```
.border{ border-color:#655012 }
```

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

Here you see how a box with a 4 pixel #655012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #655012; -webkit-box-shadow:4px 4px  
4px 4px #655012; box-shadow:4px 4px 4px  
4px #655012 }
```

# Background

The CSS property to change the background color of an element to Decimal 6639634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#655012 }
```

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

```
.background{ background-color:#655012 }
```

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