

# Converting Colors

Decimal(6504255)

Have a look what the booklet for  
Decimal(6504255) contains.

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# Color

**Decimal(6504255)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	633F3F
RGB	99, 63, 63
RGB Percent	39%, 25%, 25%
CMY	0.6118, 0.7529, 0.7529
CMYK	0.00, 0.36, 0.36, 0.61
HSL	0°, 22%, 32%
HSV	0°, 36%, 39%
XYZ	7.8203, 6.5665, 5.5579
YIQ	73.7640, 21.4560, 7.6320

# Conversions

## Conversions Part 2

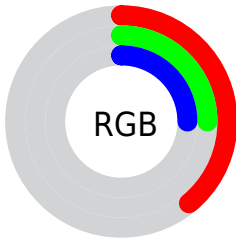
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 63, 63
Decimal	6504255
CIE <sub>Lab</sub>	30.80, 15.75, 6.50
CIE <sub>LCh</sub>	31, 17.037, 22.419
Yxy	6.5665, 0.3921, 0.3292
Android (android.graphics.Color)	4284694335 (0xFF633F3F)
YUV	73.7640, -5.3067, 22.1320
Hunter-Lab	25.6253, 9.6303, 5.0781




# Details

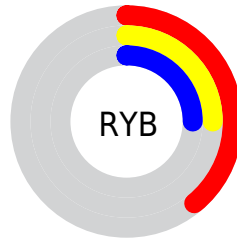
The Decimal color **6504255** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4154211**, and the grayscale version is **4868682**.




A 20% lighter version of the original color is **9924463**, and **3347477** is the 20% darker color. If you saturate the color by 10%, you get **6501685**, and if you desaturate by 10%, it is **6506825**.

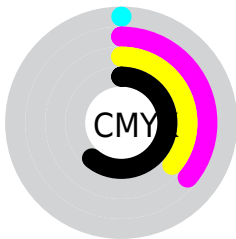
# Distribution







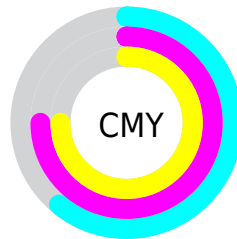
-  Red (39%)
-  Green (25%)
-  Blue (25%)






-  Red (39%)
-  Yellow (25%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (36%)
-  Yellow (36%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (75%)
-  Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6504255 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 6504255 by changing the saturation by 10% instead.



■ 6504255

■ 6504255

16777215

■ 4860201

■ 9924463

■ 3347477

■ 11700616

■ 2031616

■ 13542306

■ 0

■ 15449789

■ 16767705

■ 16774901

■ 6504255

■ 6504255

■ 6501685

■ 6506825

■ 6499115

■ 6509395

■ 6496545

■ 6511965

■ 6493975

■ 6514535

■ 6491405

■ 6517105

■ 6489092

■ 6519418

■ 6488064

■ 6521988

■ 6524558

■ 6527128

# Harmonies

## Analogous

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



6307660



6504255



6242868

# Triad

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



6504255



3690040



3296099

# Complementary

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



6504255



4154211

# 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.



2182749



6504255



2707525

# Square

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



6504255



4672304



1921106



4605537

# Rectangle

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



6504255



5850415



1921106



2837601



# Sweetspot

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



6504255



8417649



6504291



4208439



12566463



4210752



# Same Dimension

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



6504255



8406855



6508863



3157036



7340032



15728640



# Inverse Universe

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



4154211



4685952



4149603



2895920



28784

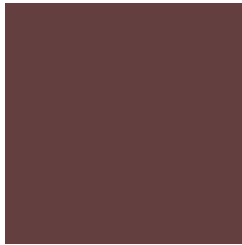


61680



# Previews

## White Background



This preview shows how the Decimal color 6504255 looks on a white background.

## Color Contrast Check

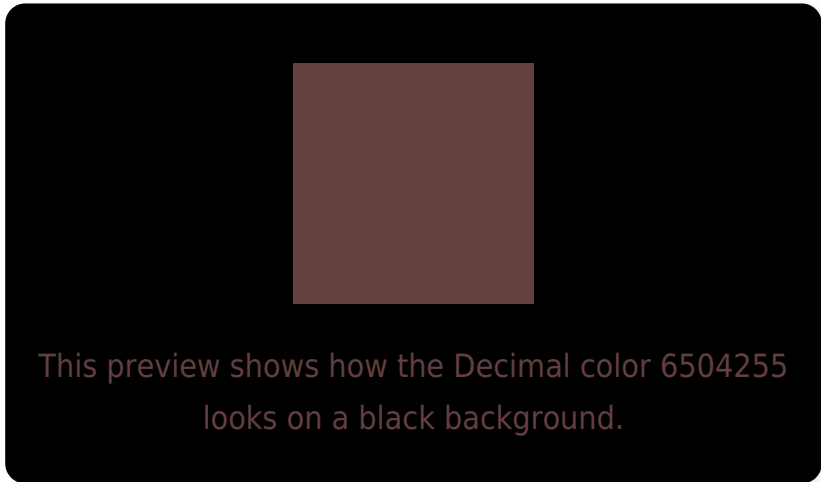
Large Text (above 18pt) WCAG AA ✓ Pass

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

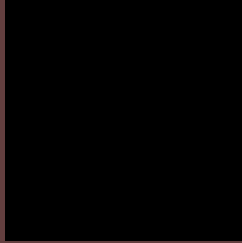
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6504255 Background



This preview shows how black text looks on a background with the Decimal color 6504255.

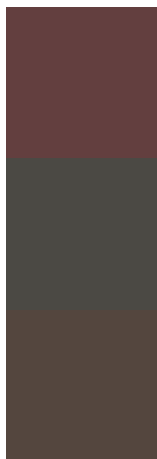


This preview shows how white text looks on a background with the Decimal color 6504255.

# 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**  
6504255

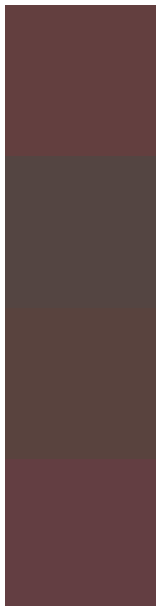
**Protanopia**  
4933956

**Deuteranopia**  
5523006



**Tritanopia**  
6504003

# Trichromacy



**Original Color**

6504255

**Protanomaly**

5522754

**Deuteranomaly**

5849918

**Tritanomaly**

6504002

# Monochromacy



**Original Color**

6504255

**Achromatopsia**

4868682

**Achromatomaly**

5457478

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6504255 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 #633F3F looks like.

```
.text, #text, p{  
    color:#633F3F  
}
```

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 #633F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633F3F
}
```

## Border

The CSS property to change the border of an element to Decimal 6504255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

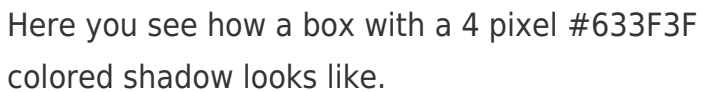
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633F3F }
```

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

```
.border{ border-color:#633F3F }
```

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



Here you see how a box with a 4 pixel #633F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633F3F; -webkit-box-shadow:4px 4px  
4px 4px #633F3F; box-shadow:4px 4px 4px  
4px #633F3F }
```

# Background

The CSS property to change the background color of an element to Decimal 6504255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633F3F }
```

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

```
.background{ background-color:#633F3F }
```

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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