

# Converting Colors

Decimal(6444355)

Have a look what the booklet for  
Decimal(6444355) contains.

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# Color

**Decimal(6444355)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	625543
RGB	98, 85, 67
RGB Percent	38%, 33%, 26%
CMY	0.6157, 0.6667, 0.7373
CMYK	0.00, 0.13, 0.32, 0.62
HSL	35°, 19%, 32%
HSV	35°, 32%, 38%
XYZ	9.2986, 9.4989, 6.6536
YIQ	86.8350, 13.5260, -2.8420

# Conversions

## Conversions Part 2

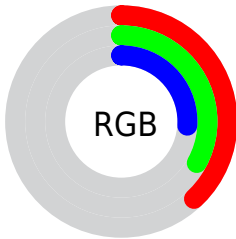
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 98, 67
Decimal	6444355
CIE Lab	36.93, 2.25, 12.48
CIE LCh	37, 12.680, 79.764
Yxy	9.4989, 0.3654, 0.3732
Android (android.graphics.Color)	4284634435 (0xFF625543)
YUV	86.8350, -9.7787, 9.7917
Hunter-Lab	30.8203, -0.0813, 8.7745

# Details

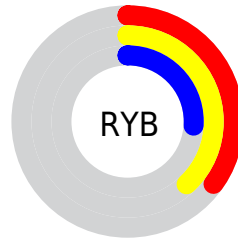
The Decimal color **6444355** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4411490**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **9799539**, and **3352600** is the 20% darker color. If you saturate the color by 10%, you get **6443321**, and if you desaturate by 10%, it is **6445389**.

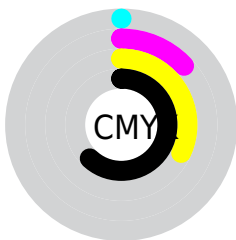
# Distribution



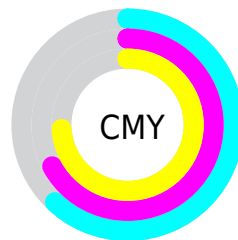
- Red (38%)
- Green (33%)
- Blue (26%)



- Red (35%)
- Yellow (38%)
- Blue (26%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (62%)



- Cyan (62%)
- Magenta (67%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6444355 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 6444355 by changing the saturation by 10% instead.





6444355



6444355

16777215



4865581



9799539



3352600



11575693



2036736



13417639



0



15259586



16774366



16777211



6444355



6444355



6443321



6445389

■ 6442287

■ 6446423

■ 6441254

■ 6447456

■ 6440220

■ 6448490

■ 6438930

■ 6449780

■ 6437896

■ 6450814

■ 6437120

■ 6451848

■ 6452881

■ 6453915

# Harmonies

## Analogous

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



6902344



6444355



5789764

# Triad

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



6444355



3890525



6378084

# Complementary

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



6444355



4411490

# 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.



5526890



6444355



4021094

# Square

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



6444355



4283731



4675947



6901851

# Rectangle

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



6444355



5265991



4675947



6116199



# Sweetspot

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



6444355



8420212



6439760



4209977



12566463



4210752



# Same Dimension

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



6444355



8416079



6316611



3157548



7356672



15764224



# Inverse Universe

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



4411490



5202816



4539234



2895408



12144

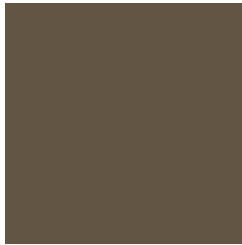


26096



# Previews

## White Background



This preview shows how the Decimal color 6444355 looks on a white background.

## Color Contrast Check

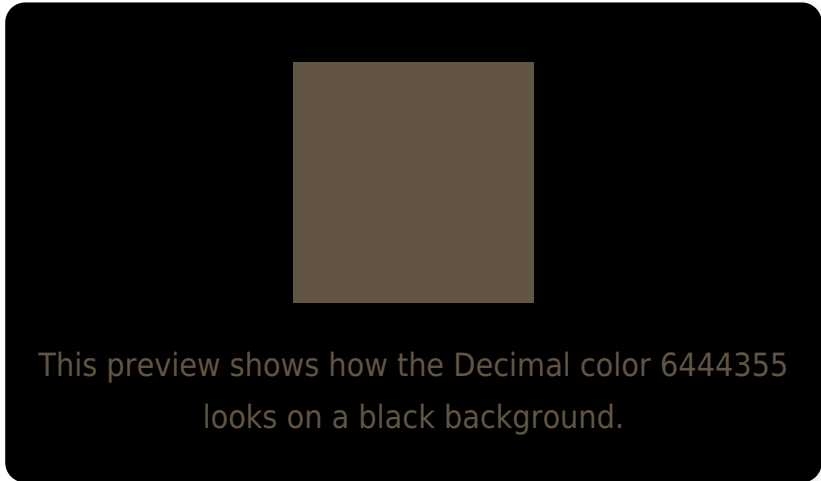
Large Text (above 18pt) WCAG AA ✓ Pass

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

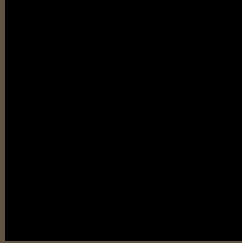
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6444355 Background



This preview shows how black text looks on a background with the Decimal color 6444355.

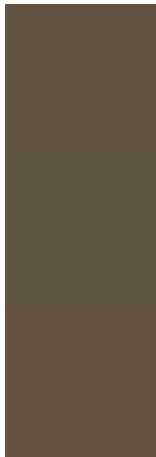


This preview shows how white text looks on a background with the Decimal color 6444355.

# 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**

6444355

**Protanopia**

6117188

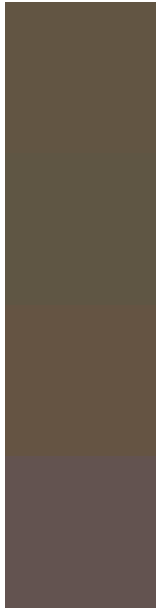
**Deuteranopia**

6705987



**Tritanopia**  
6574680

# Trichromacy



**Original Color**  
6444355

**Protanomaly**  
6248004

**Deuteranomaly**  
6640707

**Tritanomaly**  
6509392

# Monochromacy



**Original Color**  
6444355

**Achromatopsia**  
5723991

**Achromatomaly**  
5985872

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6444355 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 #625543 looks like.

```
.text, #text, p{  
  color:#625543  
}
```

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 #625543 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #625543
}
```

## Border

The CSS property to change the border of an element to Decimal 6444355 is called "border". The border property can be set on classes, ids or directly on the HTML element.

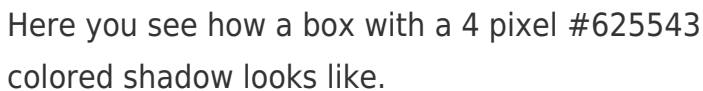
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#625543 }
```

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

```
.border{ border-color:#625543 }
```

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



Here you see how a box with a 4 pixel #625543 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #625543; -webkit-box-shadow:4px 4px  
4px 4px #625543; box-shadow:4px 4px 4px  
4px #625543 }
```

# Background

The CSS property to change the background color of an element to Decimal 6444355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#625543 }
```

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

```
.background{ background-color:#625543 }
```

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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