

# Converting Colors

Decimal(6444356)

Have a look what the booklet for  
Decimal(6444356) contains.

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**Color**

**Decimal(6444356)**

# Conversions

## Conversions Part 1

Format	Color
Hex	625544
RGB	98, 85, 68
RGB Percent	38%, 33%, 27%
CMY	0.6157, 0.6667, 0.7333
CMYK	0.00, 0.13, 0.31, 0.62
HSL	34°, 18%, 33%
HSV	34°, 31%, 38%
XYZ	9.3289, 9.5110, 6.8130
YIQ	86.9490, 13.2050, -2.5310

# Conversions

## Conversions Part 2

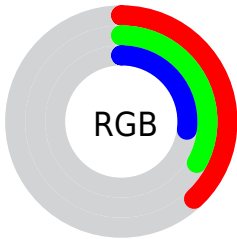
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 98, 68
Decimal	6444356
CIELab	36.95, 2.41, 11.89
CIElCh	37, 12.134, 78.562
Yxy	9.5110, 0.3637, 0.3708
Android (android.graphics.Color)	4284634436 (0xFF625544)
YUV	86.9490, -9.3419, 9.6917
Hunter-Lab	30.8399, 0.0252, 8.4900

# Details

The Decimal color **6444356** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4477282**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **9799540**, and **3352601** is the 20% darker color. If you saturate the color by 10%, you get **6443322**, and if you desaturate by 10%, it is **6445390**.

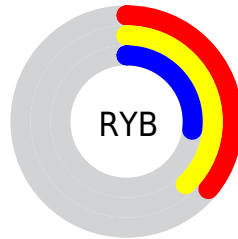
# Distribution



Red (38%)

Green (33%)

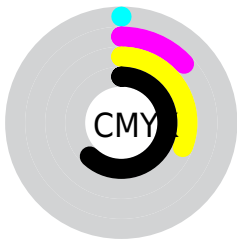
Blue (27%)



Red (36%)

Yellow (38%)

Blue (27%)

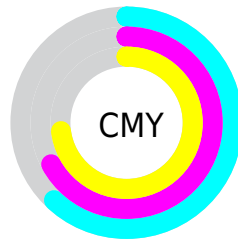


Cyan (0%)

Magenta (13%)

Yellow (31%)

Black (62%)



Cyan (62%)

Magenta (67%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6444356 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 6444356 by changing the saturation by 10% instead.





6444356



6444356

16777215



4865582



9799540



3352601



11575694



2036736



13417640



0



15259587



16774367

16777212



6444356



6444356



6443322



6445390

■ 6442288

■ 6446424

■ 6440999

■ 6447713

■ 6439965

■ 6448747

■ 6438931

■ 6449781

■ 6437897

■ 6450815

■ 6436864

■ 6452105

■ 6453138

■ 6454172

# Harmonies

## Analogous

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



6902345



6444356



5789764

# Triad

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



6444356



4021597



6312804

# Complementary

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



6444356



4477282

# 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.



5527145



6444356



4086629

# Square

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



6444356



4414547



4675946



6836315

# Rectangle

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



6444356



5331528



4675946



6050918



# Sweetspot

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



6444356



8420212



6440017



4209977



12566463



4210752



# Same Dimension

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



6444356



8416080



6382148



3157548



7356416



15763456



# Inverse Universe

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



4477282



5268864



4605026



2895408



12656

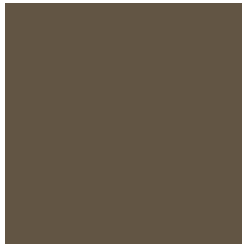


26864



# Previews

## White Background



This preview shows how the Decimal color 6444356 looks on a white background.

## Color Contrast Check

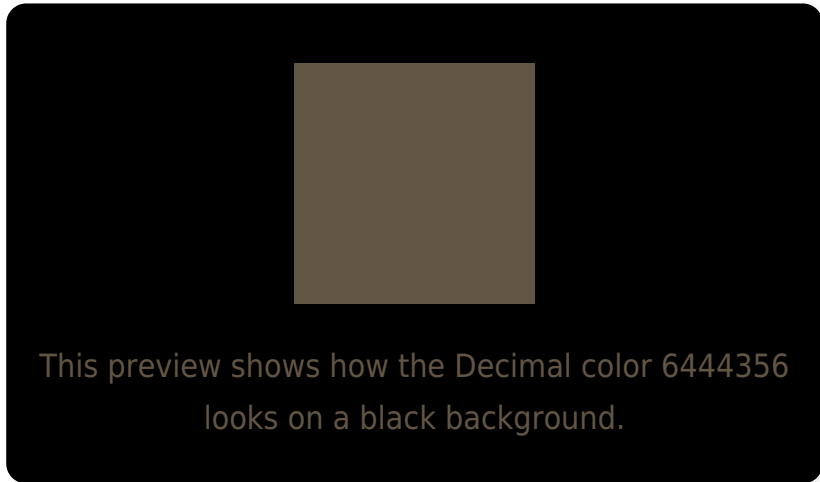
Large Text (above 18pt) WCAG AA ✓ Pass

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

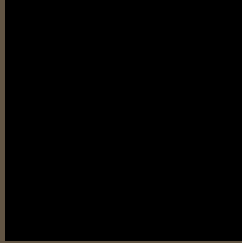
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6444356 Background



This preview shows how black text looks on a background with the Decimal color 6444356.

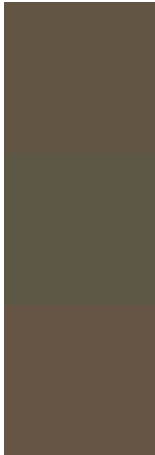


This preview shows how white text looks on a background with the Decimal color 6444356.

# 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**


6444356

**Protanopia**

6117189

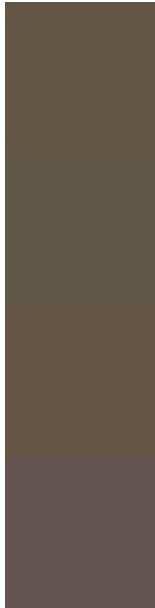
**Deuteranopia**

6706244



**Tritanopia**  
6574681

# Trichromacy



**Original Color**  
6444356

**Protanomaly**  
6248005

**Deuteranomaly**  
6640708

**Tritanomaly**  
6509393

# Monochromacy



**Original Color**  
6444356

**Achromatopsia**  
5723991

**Achromatomaly**  
5985872

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6444356 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 #625544 looks like.

```
.text, #text, p{  
  color:#625544  
}
```

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 #625544 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #625544
}
```

## Border

The CSS property to change the border of an element to Decimal 6444356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

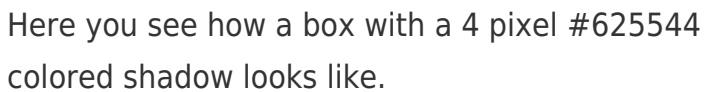
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#625544 }
```

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

```
.border{ border-color:#625544 }
```

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



Here you see how a box with a 4 pixel #625544 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #625544; -webkit-box-shadow:4px 4px  
4px 4px #625544; box-shadow:4px 4px 4px  
4px #625544 }
```

# Background

The CSS property to change the background color of an element to Decimal 6444356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#625544 }
```

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

```
.background{ background-color:#625544 }
```

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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