

# Converting Colors

Decimal(6304056)

Have a look what the booklet for  
Decimal(6304056) contains.

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**Color**

**Decimal(6304056)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	603138
RGB	96, 49, 56
RGB Percent	38%, 19%, 22%
CMY	0.6235, 0.8078, 0.7804
CMYK	0.00, 0.49, 0.42, 0.62
HSL	351°, 32%, 28%
HSV	351°, 49%, 38%
XYZ	6.6360, 4.9689, 4.3507
YIQ	63.8510, 25.7650, 12.1410

# Conversions

## Conversions Part 2

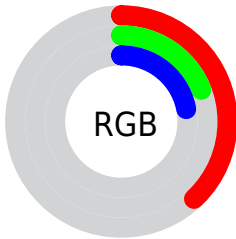
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 49, 56
Decimal	6304056
CIE Lab	26.65, 22.07, 5.15
CIE LCh	27, 22.660, 13.144
Yxy	4.9689, 0.4159, 0.3114
Android (android.graphics.Color)	4284494136 (0xFF603138)
YUV	63.8510, -3.8705, 28.1947
Hunter-Lab	22.2911, 14.1293, 4.0317

# Details

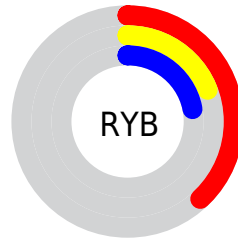
The Decimal color **6304056** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3235929**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **9724007**, and **3081229** is the 20% darker color. If you saturate the color by 10%, you get **6301488**, and if you desaturate by 10%, it is **6306624**.

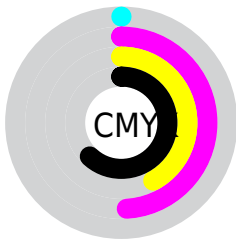
# Distribution



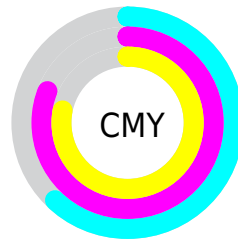
- Red (38%)
- Green (19%)
- Blue (22%)



- Red (38%)
- Yellow (19%)
- Blue (22%)



- Cyan (0%)
- Magenta (49%)
- Yellow (42%)
- Black (62%)



- Cyan (62%)
- Magenta (81%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6304056 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 6304056 by changing the saturation by 10% instead.



6304056

6304056

16777215

4660003

9724007

3081229

11565696

1179648

13407386

0

15249076

16763600

16770796

6304056

6304056

6301488

6306624

6299176

6308936

6296607

6311505

6294295

6313817

6291727

6316385

6291470

6318953

6321265

6323833

6326146

# Harmonies

## Analogous

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



5911113



6304056



6108456

# Triad

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



6304056



3097893



476256

# Complementary

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



6304056



3235929

# 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.



18262



6304056



1460020

# Square

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



6304056



4341788



18502



3227233

# Rectangle

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



6304056



5650464



18502



17757



# Sweetspot

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



6304056



8219245



5845344



4207670



12566463



4210752



# Same Dimension

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



6304056



8205118



6308145



3157036



7340049



15728676



# Inverse Universe

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



6304056



8205118



3231840



3157036



7340049

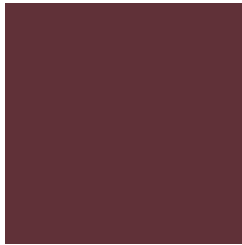


15728676



# Previews

## White Background



This preview shows how the Decimal color 6304056 looks on a white background.

## Color Contrast Check

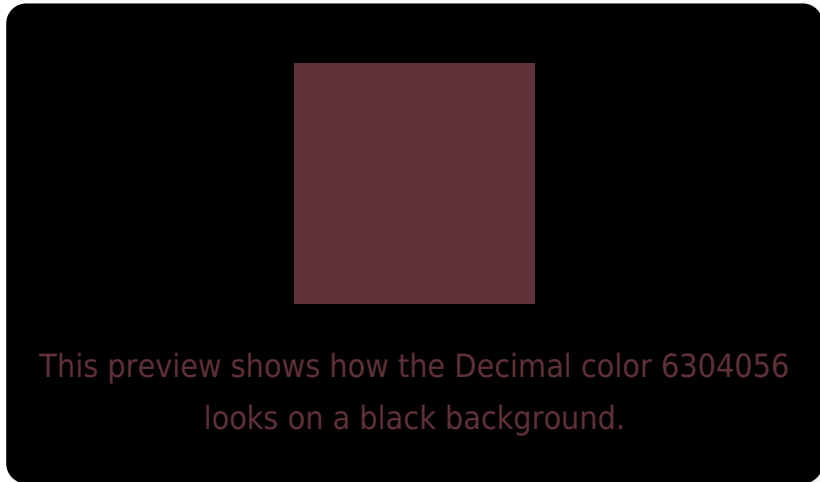
Large Text (above 18pt) WCAG AA ✓ Pass

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

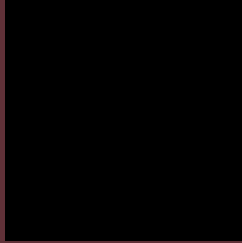
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6304056 Background



This preview shows how black text looks on a background with the Decimal color 6304056.



This preview shows how white text looks on a background with the Decimal color 6304056.

# 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**  
6304056

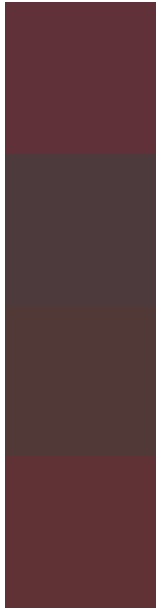
**Protanopia**  
4276032

**Deuteranopia**  
4799798



**Tritanopia**  
6304309

# Trichromacy



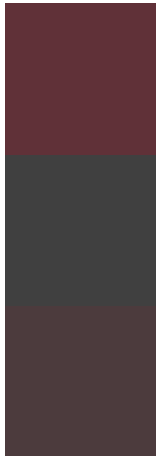
**Original Color**  
6304056

**Protanomaly**  
4995645

**Deuteranomaly**  
5323063

**Tritanomaly**  
6304310

# Monochromacy



**Original Color**  
6304056

**Achromatopsia**  
4210752

**Achromatomaly**  
4995901

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6304056 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 #603138 looks like.

```
.text, #text, p{  
    color:#603138  
}
```

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 #603138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603138
}
```

## Border

The CSS property to change the border of an element to Decimal 6304056 is called "border". The border property can be set on classes, ids or directly on the HTML element.

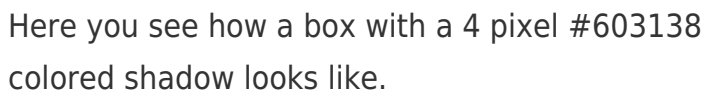
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#603138 }
```

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

```
.border{ border-color:#603138 }
```

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



Here you see how a box with a 4 pixel #603138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603138; -webkit-box-shadow:4px 4px  
4px 4px #603138; box-shadow:4px 4px 4px  
4px #603138 }
```

# Background

The CSS property to change the background color of an element to Hexadecimal #603138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603138 }
```

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

```
.background{ background-color:#603138 }
```

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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