

# Converting Colors

Decimal(6245451)

Have a look what the booklet for  
Decimal(6245451) contains.

<b>Decimal(6245451)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(6245451)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F4C4B
RGB	95, 76, 75
RGB Percent	37%, 30%, 29%
CMY	0.6275, 0.7020, 0.7059
CMYK	0.00, 0.20, 0.21, 0.63
HSL	3°, 12%, 33%
HSV	3°, 21%, 37%
XYZ	8.5738, 8.1098, 7.7701
YIQ	81.5670, 11.6450, 3.7170

# Conversions

## Conversions Part 2

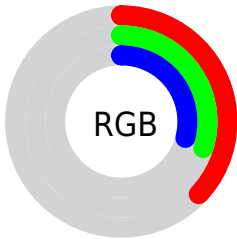
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 76, 75
Decimal	6245451
CIE Lab	34.21, 7.82, 3.61
CIE LCh	34, 8.611, 24.809
Yxy	8.1098, 0.3506, 0.3316
Android (android.graphics.Color)	4284435531 (0xFF5F4C4B)
YUV	81.5670, -3.2375, 11.7807
Hunter-Lab	28.4777, 3.9050, 3.7572

# Details

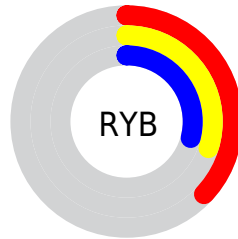
The Decimal color **6245451** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4939359**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **9600380**, and **3153951** is the 20% darker color. If you saturate the color by 10%, you get **6243138**, and if you desaturate by 10%, it is **6247765**.

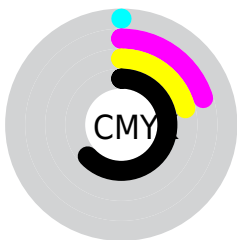
# Distribution



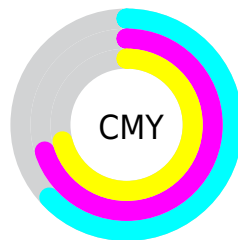
- Red (37%)
- Green (30%)
- Blue (29%)



- Red (37%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (21%)
- Black (63%)



- Cyan (63%)
- Magenta (70%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6245451 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 6245451 by changing the saturation by 10% instead.





6245451



6245451

16777215



4666676



9600380



3153951



11310997



1902855



13152688



0



14994892



16771560



6245451



6245451



6243138



6247765



6240824



6250078

■ 6238511

■ 6252392

■ 6236197

■ 6254705

■ 6233884

■ 6257019

■ 6231570

■ 6259332

■ 6229256

■ 6261646

■ 6227200

■ 6263959

■ 6266273

# Harmonies

## Analogous

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



6179922



6245451



6114630

# Triad

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



6245451



4739912



4739422

# Complementary

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



6245451



4939359

# 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.



4281179



6245451



4346959

# Square

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



6245451



5263940



4150358



5263197

# Rectangle

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



6245451



5852995



4150358



4543069



# Sweetspot

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



6245451



8024947



6245214



4012345



12434877



4013373



# Same Dimension

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



6245451



8019292



6248011



3157036



7341568



15731712



# Inverse Universe

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



4939359



6060410



4936799



2895920



27504



58608



# Previews

## White Background



This preview shows how the Decimal color 6245451 looks on a white background.

## Color Contrast Check

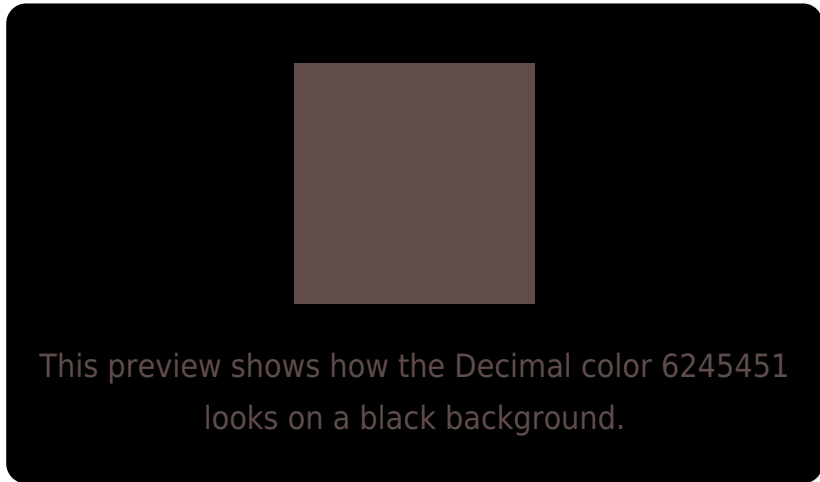
Large Text (above 18pt) WCAG AA ✓ Pass

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

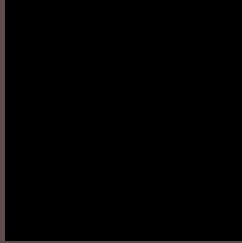
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6245451 Background



This preview shows how black text looks on a background with the Decimal color 6245451.

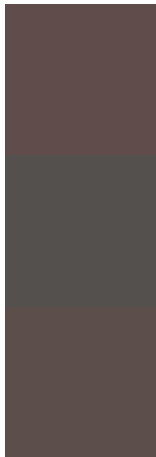


This preview shows how white text looks on a background with the Decimal color 6245451.

# 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**  
6245451

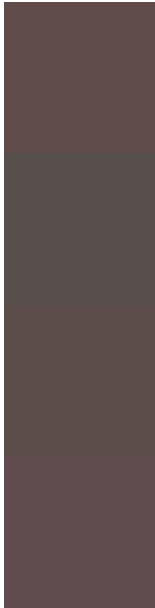
**Protanopia**  
5460045

**Deuteranopia**  
5983819



**Tritanopia**  
6310737

# Trichromacy



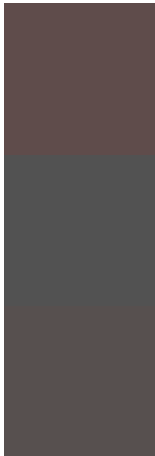
**Original Color**  
6245451

**Protanomaly**  
5721932

**Deuteranomaly**  
6049099

**Tritanomaly**  
6310735

# Monochromacy



**Original Color**  
6245451

**Achromatopsia**  
5395026

**Achromatomaly**  
5722191

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6245451 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 #5F4C4B looks like.

```
.text, #text, p{  
    color:#5F4C4B  
}
```

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 #5F4C4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4C4B
}
```

## Border

The CSS property to change the border of an element to Decimal 6245451 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".

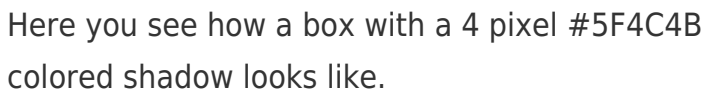
```
.border, #border, table{ border:4px solid
#5F4C4B }
```

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

```
.border{ border-color:#5F4C4B }
```

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

Here you see how a box with a 4 pixel #5F4C4B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4C4B; -webkit-box-shadow:4px 4px  
4px 4px #5F4C4B; box-shadow:4px 4px 4px  
4px #5F4C4B }
```

# Background

The CSS property to change the background color of an element to Decimal 6245451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4C4B }
```

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

```
.background{ background-color:#5F4C4B }
```

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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