

# Converting Colors

Decimal(5264446)

Have a look what the booklet for  
Decimal(5264446) contains.

<b>Decimal(5264446)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(5264446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50543E
RGB	80, 84, 62
RGB Percent	31%, 33%, 24%
CMY	0.6863, 0.6706, 0.7569
CMYK	0.05, 0.00, 0.26, 0.67
HSL	71°, 15%, 29%
HSV	71°, 26%, 33%
XYZ	7.3481, 8.3939, 5.7903
YIQ	80.2960, 4.6780, -7.6900

# Conversions

## Conversions Part 2

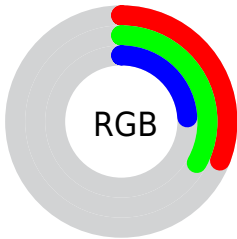
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 84, 66
Decimal	5264446
CIELab	34.79, -5.92, 12.36
CIELCh	35, 13.704, 115.602
Yxy	8.3939, 0.3413, 0.3898
Android (android.graphics.Color)	4283454526 (0xFF50543E)
YUV	80.2960, -9.0199, -0.2596
Hunter-Lab	28.9723, -5.4294, 8.4310

# Details

The Decimal color **5264446** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4341332**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **8488302**, and **2303764** is the 20% darker color. If you saturate the color by 10%, you get **5133366**, and if you desaturate by 10%, it is **5395526**.

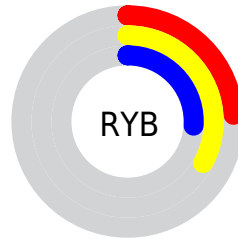
# Distribution



 Red (31%)

 Green (33%)

 Blue (24%)



 Red (24%)

 Yellow (33%)

 Blue (26%)

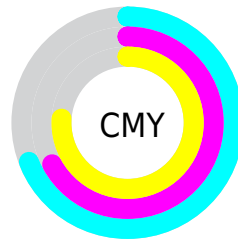


 Cyan (5%)

 Magenta (0%)

 Yellow (26%)

 Black (67%)



 Cyan (69%)

 Magenta (67%)

 Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5264446 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 5264446 by changing the saturation by 10% instead.



■ 5264446

■ 5264446

16777215

■ 3751208

■ 8488302

■ 2303764

■ 10264711

■ 725760

■ 11975585

■ 0

■ 13817532

■ 15659992

■ 16777205

■ 5264446

■ 5264446

■ 5133366

■ 5395526

■ 5067821

■ 5461071

■ 4936741

■ 5592151

■ 4871196

■ 5657696

■ 4740116

■ 5788776

■ 4674572

■ 5854320

■ 4543491

■ 5985401

■ 4543488

■ 6050945

■ 6182026

# Harmonies

## Analogous

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



6050108



5264446



4413253

# Triad

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



5264446



3561059



6703700

# Complementary

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



5264446



4341332

# 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.



6179934



5264446



4412263

# Square

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



5264446



3364955



5394533



6834761

# Rectangle

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



5264446



3954764



5394533



6572888



# Sweetspot

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



5264446



7106149



5521982



3618866



12105912



3684408



# Same Dimension

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



5264446



6778444



4543550



2631973



5662976



12511232



# Inverse Universe

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



4341332



5393518



5062228



2434345



1245289



2752744



# Previews

## White Background



This preview shows how the Decimal color 5264446 looks on a white background.

## Color Contrast Check

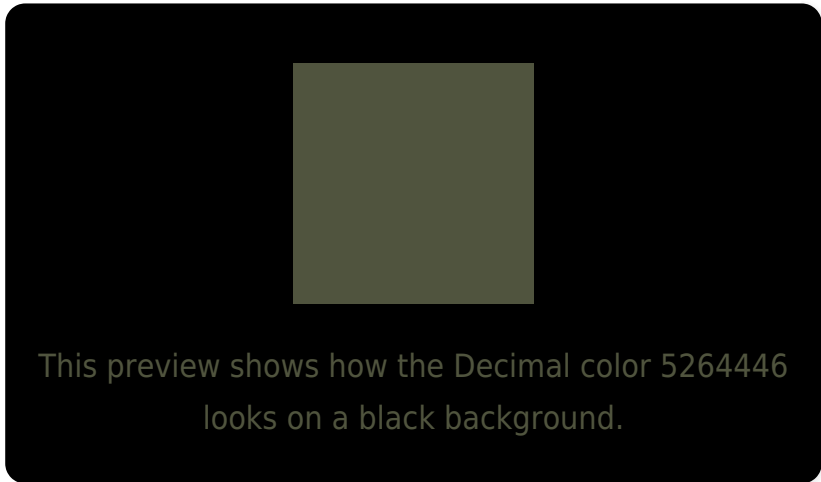
Large Text (above 18pt) WCAG AA ✓ Pass

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

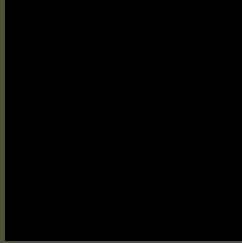
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

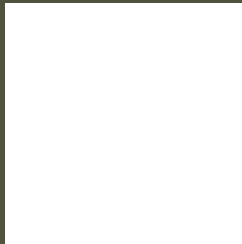
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5264446 Background



This preview shows how black text looks on a background with the Decimal color 5264446.

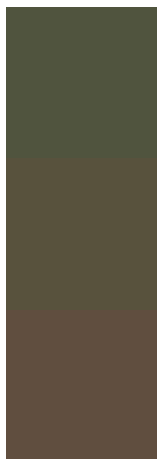


This preview shows how white text looks on a background with the Decimal color 5264446.

# 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**


5264446

**Protanopia**

5788221

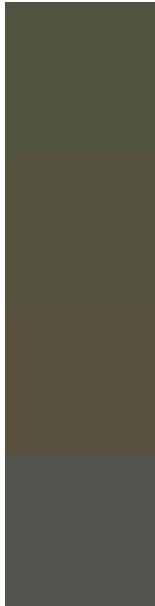
**Deuteranopia**

6311487



**Tritanopia**  
5460311

# Trichromacy



**Original Color**

5264446

**Protanomaly**

5591869

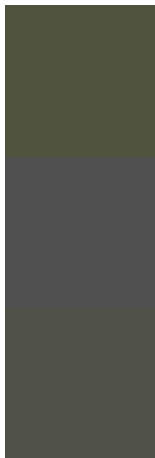
**Deuteranomaly**

5918783

**Tritanomaly**

5395022

# Monochromacy



**Original Color**

5264446

**Achromatopsia**

5263440

**Achromatomaly**

5263689

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5264446 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 #50543E looks like.

```
.text, #text, p{  
  color:#50543E  
}
```

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 #50543E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50543E
}
```

## Border

The CSS property to change the border of an element to Decimal 5264446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

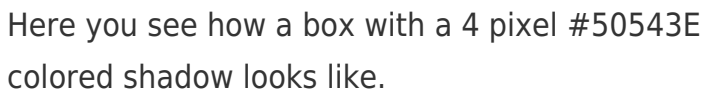
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50543E }
```

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

```
.border{ border-color:#50543E }
```

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



Here you see how a box with a 4 pixel #50543E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50543E; -webkit-box-shadow:4px 4px  
4px 4px #50543E; box-shadow:4px 4px 4px  
4px #50543E }
```

# Background

The CSS property to change the background color of an element to Decimal 5264446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50543E }
```

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

```
.background{ background-color:#50543E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor