

# Converting Colors

Decimal(5984302)

Have a look what the booklet for  
Decimal(5984302) contains.

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**Color**

**Decimal(5984302)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B502E
RGB	91, 80, 46
RGB Percent	36%, 31%, 18%
CMY	0.6431, 0.6863, 0.8196
CMYK	0.00, 0.12, 0.49, 0.64
HSL	45°, 33%, 27%
HSV	45°, 49%, 36%
XYZ	7.6762, 8.1587, 3.7550
YIQ	79.4130, 17.4700, -8.2420

# Conversions

## Conversions Part 2

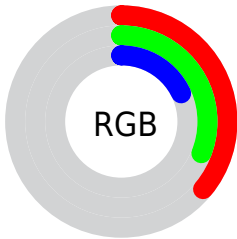
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">61, 91, 46</a>
Decimal	<a href="#">5984302</a>
CIELab	<a href="#">34.31, -0.73, 21.64</a>
CIELCh	<a href="#">34, 21.656, 91.941</a>
Yxy	<a href="#">8.1587, 0.3918, 0.4165</a>
Android (android.graphics.Color)	<a href="#">4284174382 (0xFF5B502E)</a>
YUV	<a href="#">79.4130, -16.4726, 10.1618</a>
Hunter-Lab	<a href="#">28.5635, -2.0158, 12.2001</a>

# Details

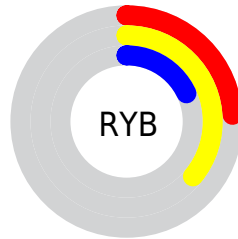
The Decimal color **5984302** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3029339**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **9339229**, and **2892800** is the 20% darker color. If you saturate the color by 10%, you get **5983781**, and if you desaturate by 10%, it is **5984823**.

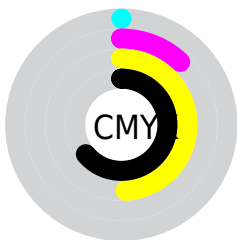
# Distribution



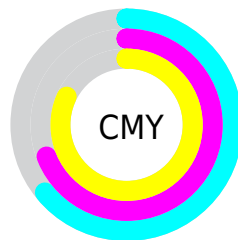
- Red (36%)
- Green (31%)
- Blue (18%)



- Red (24%)
- Yellow (36%)
- Blue (18%)



- Cyan (0%)
- Magenta (12%)
- Yellow (49%)
- Black (64%)



- Cyan (64%)
- Magenta (69%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5984302 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 5984302 by changing the saturation by 10% instead.





5984302



5984302

16777215



4405528



9339229



2892800



11115381



1314560



12957327



0



14799274



16707269



16777185

16777214



5984302



5984302

■ 5983781

■ 5984823

■ 5983260

■ 5985344

■ 5982483

■ 5986121

■ 5981962

■ 5986642

■ 5981440

■ 5987164

■ 5987685

■ 5988462

■ 5988983

■ 5989504

# Harmonies

## Analogous

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



6900275



5984302



4805939

# Triad

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



5984302



678242



6768225

# Complementary

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



5984302



3029339

# 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.



5524590



5984302



1857391

# Square

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



5984302



1923665



3822195



7422800

# Rectangle

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



5984302



3889211



3822195



6441062



# Sweetspot

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



5984302



7696740



5975609



3881008



12237498



3881787



# Same Dimension

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



5984302



7693360



5266222



3026217



7230208



15577856



# Inverse Universe

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



3029339



3162485



3747419



2697774



7022



15085



# Previews

## White Background



This preview shows how the Decimal color 5984302 looks on a white background.

## Color Contrast Check

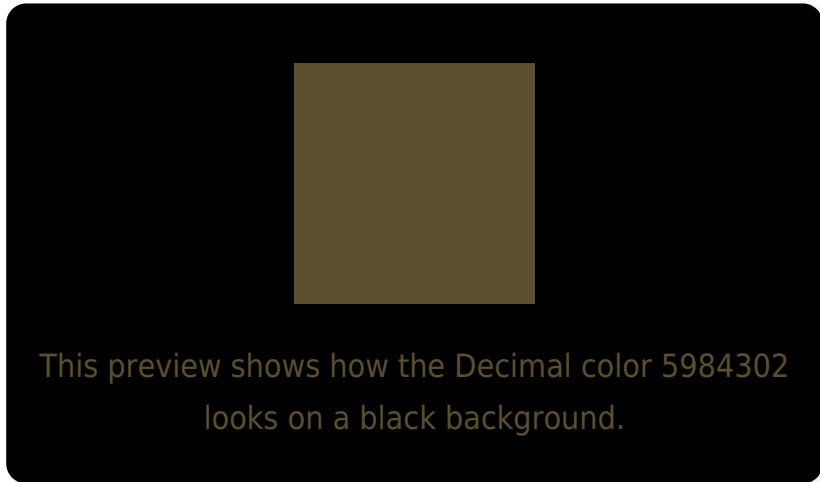
Large Text (above 18pt) WCAG AA ✓ Pass

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

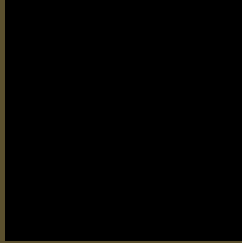
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5984302 Background



This preview shows how black text looks on a background with the Decimal color 5984302.

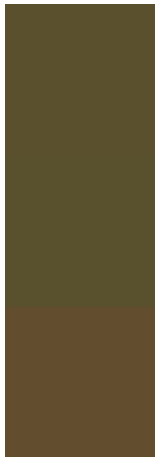


This preview shows how white text looks on a background with the Decimal color 5984302.

# 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**  
5984302

**Protanopia**  
5853486

**Deuteranopia**  
6442287



**Tritanopia**  
6179922

# Trichromacy



**Original Color**  
5984302

**Protanomaly**  
5919022

**Deuteranomaly**  
6245935

**Tritanomaly**  
6114629

# Monochromacy



**Original Color**  
5984302

**Achromatopsia**  
5197647

**Achromatomaly**  
5459779

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5984302 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 #5B502E looks like.

```
.text, #text, p{  
    color:#5B502E  
}
```

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 #5B502E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B502E
}
```

## Border

The CSS property to change the border of an element to Decimal 5984302 is called "border". The border property can be set on classes, ids or directly on the HTML element.

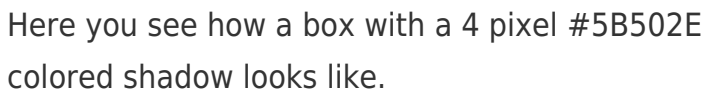
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B502E }
```

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

```
.border{ border-color:#5B502E }
```

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



Here you see how a box with a 4 pixel #5B502E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B502E; -webkit-box-shadow:4px 4px  
4px 4px #5B502E; box-shadow:4px 4px 4px  
4px #5B502E }
```

# Background

The CSS property to change the background color of an element to Decimal 5984302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B502E }
```

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

```
.background{ background-color:#5B502E }
```

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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