

# Converting Colors

Decimal(5596984)

Have a look what the booklet for  
Decimal(5596984) contains.

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# Color

**Decimal(5596984)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	556738
RGB	85, 103, 56
RGB Percent	33%, 40%, 22%
CMY	0.6667, 0.5961, 0.7804
CMYK	0.17, 0.00, 0.46, 0.60
HSL	83°, 30%, 31%
HSV	83°, 46%, 40%
XYZ	9.3104, 11.9173, 5.5509
YIQ	92.2600, 4.3590, -18.4330

# Conversions

## Conversions Part 2

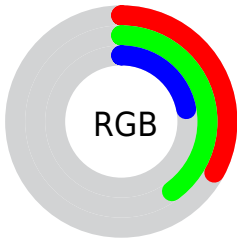
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 103, 74
Decimal	5596984
CIELab	41.08, -15.57, 24.26
CIElCh	41, 28.827, 122.684
Yxy	11.9173, 0.3477, 0.4450
Android (android.graphics.Color)	4283787064 (0xFF556738)
YUV	92.2600, -17.8762, -6.3670
Hunter-Lab	34.5215, -12.2715, 14.6314

# Details

The Decimal color **5596984** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4864103**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **8952424**, and **2504716** is the 20% darker color. If you saturate the color by 10%, you get **5334830**, and if you desaturate by 10%, it is **5859138**.

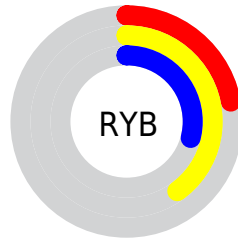
# Distribution



Red (33%)

Green (40%)

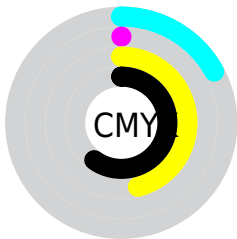
Blue (22%)



Red (22%)

Yellow (40%)

Blue (29%)

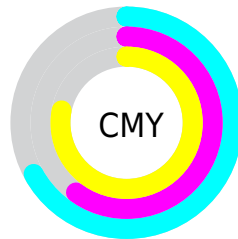


Cyan (17%)

Magenta (0%)

Yellow (46%)

Black (60%)



Cyan (67%)

Magenta (60%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5596984 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 5596984 by changing the saturation by 10% instead.





5596984



5596984

16777215



4017954



8952424



2504716



10663297



1188352



12439963



1792



14282166



0



16187346



16777199



5596984



5596984



5334830



5859138

■ 5072675

■ 6121293

■ 4810521

■ 6383447

■ 4548367

■ 6645601

■ 4286212

■ 6907756

■ 4220672

■ 7169910

■ 7432064

■ 7694218

■ 7956373

# Harmonies

## Analogous

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



7233585



5596984



3631946

# Triad

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



5596984



27018



9260640

# Complementary

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



5596984



4864103

# 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.



8409719



5596984



4154256

# Square

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



5596984



28026



6707849



9261129

# Rectangle

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



5596984



1928538



6707849



9064040



# Sweetspot

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



5596984



8423284



6768952



4212025



12895428



4539717



# Same Dimension

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



5596984



7046973



4089656



3224366



4682496



9826816



# Inverse Universe

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



4864103



5848455



6371431



3157555



2883699



6095090



# Previews

## White Background



This preview shows how the Decimal color 5596984 looks on a white background.

## Color Contrast Check

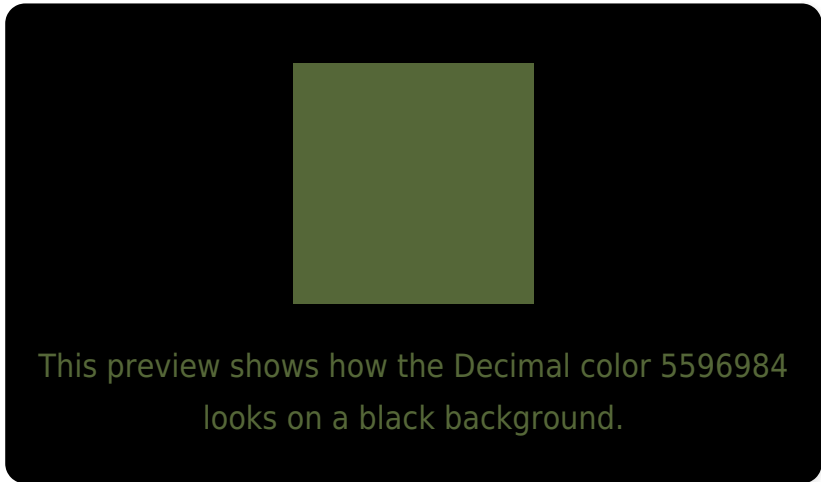
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

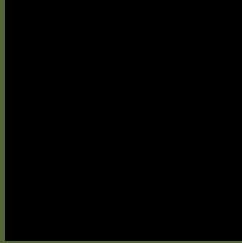
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5596984 Background



This preview shows how black text looks on a background with the Decimal color 5596984.



This preview shows how white text looks on a background with the Decimal color 5596984.

# 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**  
5596984

**Protanopia**  
6971702

**Deuteranopia**  
7691323



**Tritanopia**  
6054249

# Trichromacy



**Original Color**  
5596984

**Protanomaly**  
6447927

**Deuteranomaly**  
6905914

**Tritanomaly**  
5858135

# Monochromacy



**Original Color**  
5596984

**Achromatopsia**  
6052956

**Achromatomaly**  
5857359

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5596984 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 #556738 looks like.

```
.text, #text, p{  
    color:#556738  
}
```

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 #556738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556738  
}
```

## Border

The CSS property to change the border of an element to Decimal 5596984 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  
#556738 }
```

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

```
.border{ border-color:#556738 }
```

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

Here you see how a box with a 4 pixel #556738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556738; -webkit-box-shadow:4px 4px  
4px 4px #556738; box-shadow:4px 4px 4px  
4px #556738 }
```

# Background

The CSS property to change the background color of an element to Decimal 5596984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556738 }
```

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

```
.background{ background-color:#556738 }
```

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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