

# Converting Colors

Decimal(5595433)

Have a look what the booklet for  
Decimal(5595433) contains.

<b>Decimal(5595433)</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(5595433)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	556129
RGB	85, 97, 41
RGB Percent	33%, 38%, 16%
CMY	0.6667, 0.6196, 0.8392
CMYK	0.12, 0.00, 0.58, 0.62
HSL	73°, 41%, 27%
HSV	73°, 58%, 38%
XYZ	8.4212, 10.6408, 3.7079
YIQ	87.0280, 10.8240, -19.9600

# Conversions

## Conversions Part 2

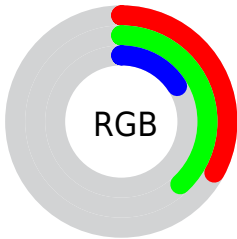
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 97, 53
Decimal	5595433
CIELab	38.97, -14.03, 29.95
CIElCh	39, 33.072, 115.104
Yxy	10.6408, 0.3698, 0.4673
Android (android.graphics.Color)	4283785513 (0xFF556129)
YUV	87.0280, -22.6918, -1.7786
Hunter-Lab	32.6202, -11.0037, 16.0948

# Details

The Decimal color **5595433** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3484001**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **8950872**, and **2568960** is the 20% darker color. If you saturate the color by 10%, you get **5464351**, and if you desaturate by 10%, it is **5726515**.

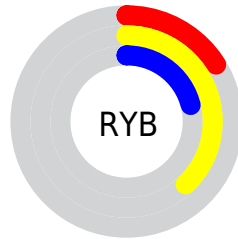
# Distribution



Red (33%)

Green (38%)

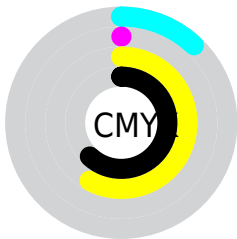
Blue (16%)



Red (16%)

Yellow (38%)

Blue (21%)

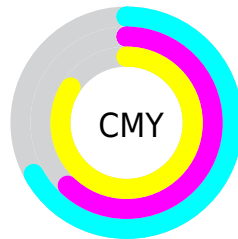


Cyan (12%)

Magenta (0%)

Yellow (58%)

Black (62%)



Cyan (67%)

Magenta (62%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5595433 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 5595433 by changing the saturation by 10% instead.





5595433



5595433

16777215



4016402



8950872



2568960



10727025



859648



12503691



0



14345894



16252865



16777181



16777210



5595433



5595433

■ 5464351

■ 5726515

■ 5333270

■ 5857596

■ 5202188

■ 5988678

■ 5071106

■ 6119760

■ 5005568

■ 6250842

■ 6381923

■ 6578541

■ 6709623

■ 6840704

# Harmonies

## Analogous

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



7297317



5595433



3434044

# Triad

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



5595433



26247



9127265

# Complementary

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



5595433



3484001

# 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.



7949435



5595433



1794193

# Square

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



5595433



26994



5723788



9324358

# Rectangle

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



5595433



1075277



5723788



8865642



# Sweetspot

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



5595433



7896424



6370345



4014131



12566463



4210752



# Same Dimension

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



5595433



6978855



3825961



3092524



5795840



12382208



# Inverse Universe

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



3484001



3745661



5253473



2960432



1572976



3342576



# Previews

## White Background



This preview shows how the Decimal color 5595433 looks on a white background.

## Color Contrast Check

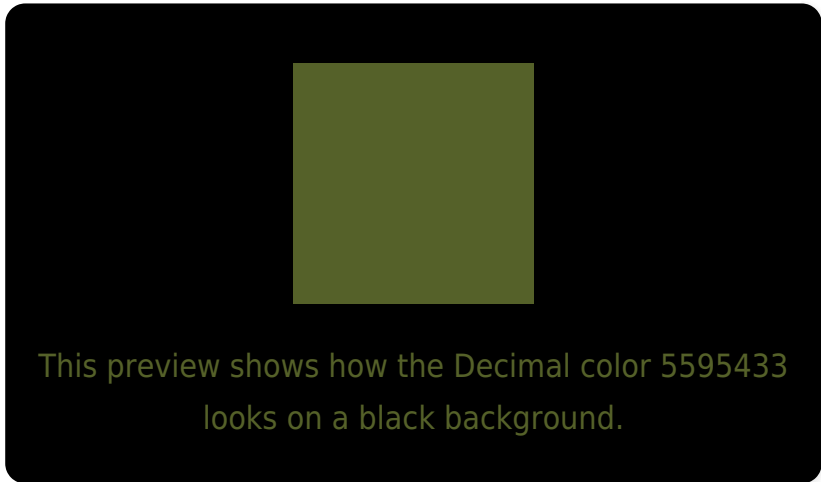
Large Text (above 18pt) WCAG AA ✓ Pass

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

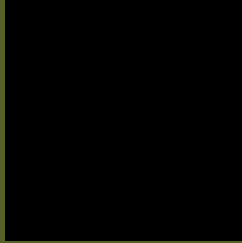
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5595433 Background



This preview shows how black text looks on a background with the Decimal color 5595433.



This preview shows how white text looks on a background with the Decimal color 5595433.

# 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**  
5595433

**Protanopia**  
6708263

**Deuteranopia**  
7427884



**Tritanopia**  
5987170

# Trichromacy



**Original Color**  
5595433

**Protanomaly**  
6315560

**Deuteranomaly**  
6773547

**Tritanomaly**  
5856589

# Monochromacy



**Original Color**  
5595433

**Achromatopsia**  
5723991

**Achromatomaly**  
5659462

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5595433 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 #556129 looks like.

```
.text, #text, p{  
    color:#556129  
}
```

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 #556129 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556129
}
```

## Border

The CSS property to change the border of an element to Decimal 5595433 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
#556129 }
```

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

```
.border{ border-color:#556129 }
```

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

Here you see how a box with a 4 pixel #556129 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556129; -webkit-box-shadow:4px 4px  
4px 4px #556129; box-shadow:4px 4px 4px  
4px #556129 }
```

# Background

The CSS property to change the background color of an element to Decimal 5595433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556129 }
```

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

```
.background{ background-color:#556129 }
```

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