

# Converting Colors

Decimal(5984256)

Have a look what the booklet for  
Decimal(5984256) contains.

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**Color**

**Decimal(5984256)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B5000
RGB	91, 80, 0
RGB Percent	36%, 31%, 0%
CMY	0.6431, 0.6863, 1.0000
CMYK	0.00, 0.12, 1.00, 0.64
HSL	53°, 100%, 18%
HSV	53°, 100%, 36%
XYZ	7.1830, 7.9615, 1.1581
YIQ	74.1690, 32.2360, -22.5480

# Conversions

## Conversions Part 2

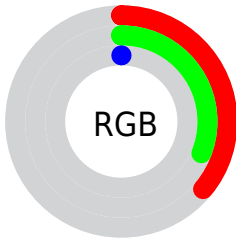
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 91, 0
Decimal	5984256
CIE Lab	33.90, -3.70, 42.05
CIE LCh	34, 42.217, 95.032
Yxy	7.9615, 0.4406, 0.4884
Android (android.graphics.Color)	4284174336 (0xFF5B5000)
YUV	74.1690, -36.5653, 14.7608
Hunter-Lab	28.2161, -3.9369, 17.3177

# Details

The Decimal color **5984256** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2907**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **9470261**, and **2696192** is the 20% darker color. If you saturate the color by 10%, you get **5984256**, and if you desaturate by 10%, it is **5984521**.

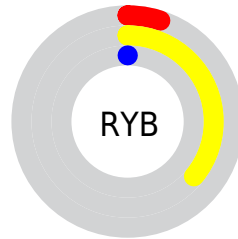
# Distribution



Red (36%)

Green (31%)

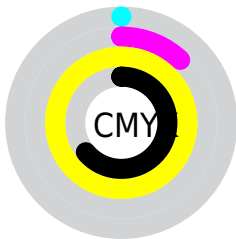
Blue (0%)



Red (5%)

Yellow (36%)

Blue (0%)

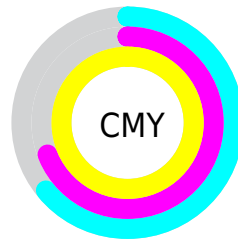


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5984256 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 5984256 by changing the saturation by 10% instead.



 5984256

 5984256

 16777200


 4339968

 9470261

 2696192

 11311950

 790528

 13153639

 0

 15061377

 16772508

 16777143

 16777171

 5984256

■ 5984521

■ 5984786

■ 5985051

■ 5985316

■ 5985838

■ 5986103

■ 5986368

■ 5986633

■ 5986898

# Harmonies

## Analogous

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



7750415



5984256



3692819

# Triad

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



5984256



24437



8140141

# Complementary

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



5984256



2907

# 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.



5719175



5984256



23436

# Square

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



5984256



24405



21139



9121355

# Rectangle

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



5984256



1268775



21139



7551607



# Sweetspot

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



5984256



7696722



5963788



3880998



12237498



3881787



# Same Dimension

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



5984256



7694080



3824384



3026217



7233536



15585280



# Inverse Universe

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



2907



3701



2162779



2697774



3438

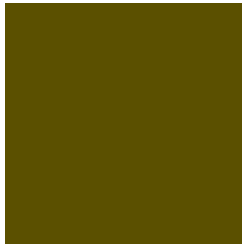


7661



# Previews

## White Background



This preview shows how the Decimal color 5984256 looks on a white background.

## Color Contrast Check

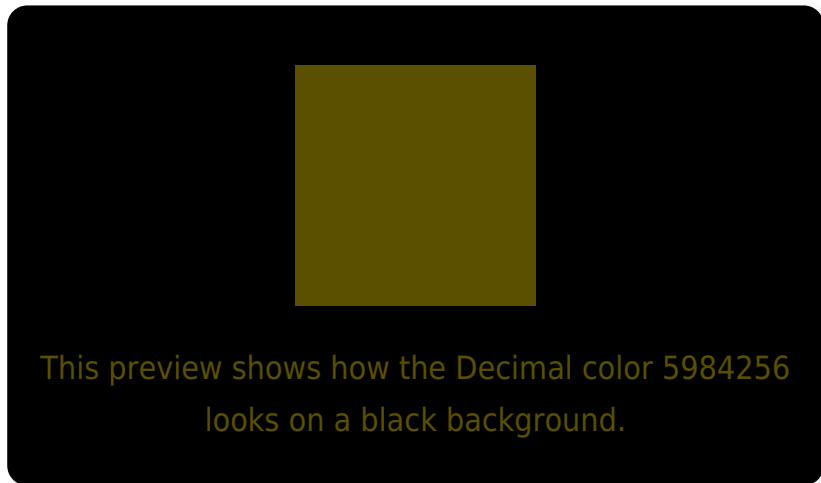
Large Text (above 18pt) WCAG AA ✓ Pass

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 5984256 Background



This preview shows how black text looks on a background with the Decimal color 5984256.



This preview shows how white text looks on a background with the Decimal color 5984256.

# 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**  
5984256

**Protanopia**  
5918721

**Deuteranopia**  
6638602



**Tritanopia**  
6310480

# Trichromacy



**Original Color**  
5984256

**Protanomaly**  
5918721

**Deuteranomaly**  
6376710

**Tritanomaly**  
6179891

# Monochromacy



**Original Color**  
5984256

**Achromatopsia**  
4868682

**Achromatomaly**  
5262383

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5984256 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 #5B5000 looks like.

```
.text, #text, p{  
  color:#5B5000  
}
```

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 #5B5000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5000
}
```

## Border

The CSS property to change the border of an element to Decimal 5984256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

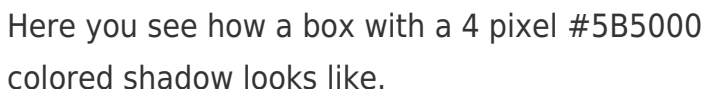
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5000 }
```

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

```
.border{ border-color:#5B5000 }
```

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



Here you see how a box with a 4 pixel #5B5000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5000; -webkit-box-shadow:4px 4px  
4px 4px #5B5000; box-shadow:4px 4px 4px  
4px #5B5000 }
```

# Background

The CSS property to change the background color of an element to Decimal 5984256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5000 }
```

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

```
.background{ background-color:#5B5000 }
```

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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