

# Converting Colors

Decimal(6056708)

Have a look what the booklet for  
Decimal(6056708) contains.

<b>Decimal(6056708)</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(6056708)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C6B04
RGB	92, 107, 4
RGB Percent	36%, 42%, 2%
CMY	0.6392, 0.5804, 0.9843
CMYK	0.14, 0.00, 0.96, 0.58
HSL	69°, 93%, 22%
HSV	69°, 96%, 42%
XYZ	9.6932, 12.7995, 2.0745
YIQ	90.7730, 24.1230, -35.2130

# Conversions

## Conversions Part 2

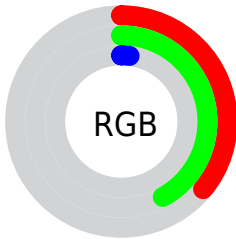
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 107, 19
Decimal	6056708
CIE <sub>Lab</sub>	42.46, -18.38, 47.37
CIE <sub>LCh</sub>	42, 50.814, 111.201
Yxy	12.7995, 0.3946, 0.5210
Android (android.graphics.Color)	4284246788 (0xFF5C6B04)
YUV	90.7730, -42.7791, 1.0761
Hunter-Lab	35.7763, -14.2458, 21.6055

# Details

The Decimal color **6056708** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1246315**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **9543230**, and **2767872** is the 20% darker color. If you saturate the color by 10%, you get **5991168**, and if you desaturate by 10%, it is **6187791**.

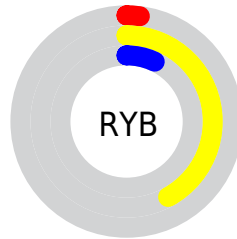
# Distribution



Red (36%)

Green (42%)

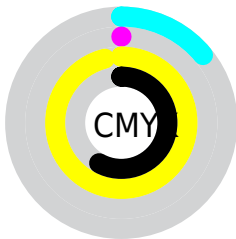
Blue (2%)



Red (2%)

Yellow (42%)

Blue (7%)

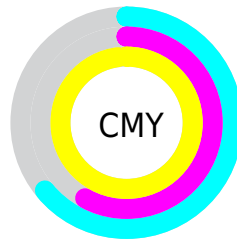


Cyan (14%)

Magenta (0%)

Yellow (96%)

Black (58%)



Cyan (64%)

Magenta (58%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6056708 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 6056708 by changing the saturation by 10% instead.





6056708



6056708

16777213



4346624



9543230



2767872



11385176



1058304



13227378



4096



15135116



0



16777127



16777155



16777184



6056708



6056708

■ 5991168

■ 6187791

■ 6253337

■ 6384420

■ 6449967

■ 6581050

■ 6646596

■ 6777679

■ 6843226

■ 6974308

# Harmonies

## Analogous

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



8609280



6056708



2323244

# Triad

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



6056708



30117



11090802

# Complementary

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



6056708



1246315

# 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.



9063321



6056708



28087

# Square

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



6056708



30849



4939443



11484233

# Rectangle

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



6056708



30280



4939443



10633088



# Sweetspot

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



6056708



8817764



7016964



4474670



13092807



4671303



# Same Dimension

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



6056708



7900160



2779908



3487280



6583552



13759744



# Inverse Universe

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



1246315



1310860



4523115



3223606



1114229



2359541



# Previews

## White Background



This preview shows how the Decimal color 6056708 looks on a white background.

## Color Contrast Check

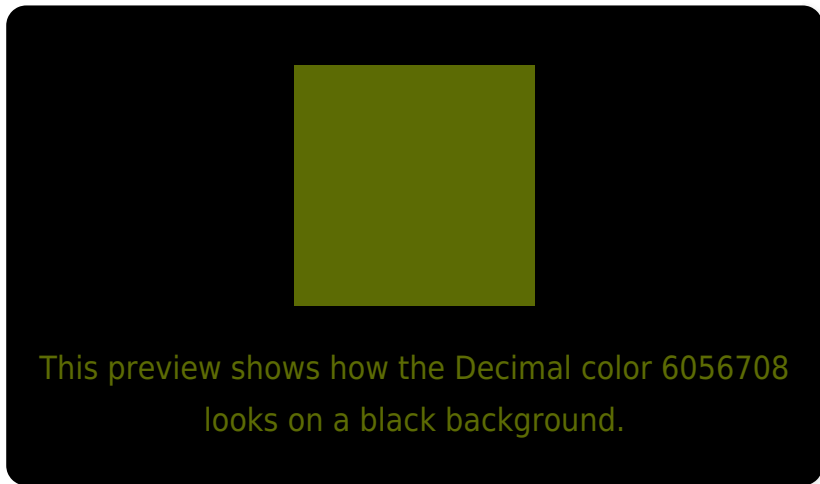
Large Text (above 18pt) WCAG AA ✓ Pass

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

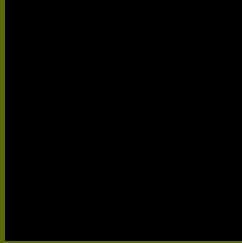
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6056708 Background



This preview shows how black text looks on a background with the Decimal color 6056708.



This preview shows how white text looks on a background with the Decimal color 6056708.

# 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**  
6056708

**Protanopia**  
7431168

**Deuteranopia**  
8281875



**Tritanopia**  
6579051

# Trichromacy



**Original Color**  
6056708

**Protanomaly**  
6907649

**Deuteranomaly**  
7496462

**Tritanomaly**  
6383174

# Monochromacy



**Original Color**  
6056708

**Achromatopsia**  
5987163

**Achromatomaly**  
5988667

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6056708 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 #5C6B04 looks like.

```
.text, #text, p{  
  color:#5C6B04  
}
```

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 #5C6B04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C6B04
}
```

## Border

The CSS property to change the border of an element to Decimal 6056708 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
#5C6B04 }
```

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

```
.border{ border-color:#5C6B04 }
```

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

Here you see how a box with a 4 pixel #5C6B04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C6B04; -webkit-box-shadow:4px 4px  
4px 4px #5C6B04; box-shadow:4px 4px 4px  
4px #5C6B04 }
```

# Background

The CSS property to change the background color of an element to Decimal 6056708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C6B04 }
```

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

```
.background{ background-color:#5C6B04 }
```

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