

# Converting Colors

Decimal(6311680)

Have a look what the booklet for  
Decimal(6311680) contains.

<b>Decimal(6311680)</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(6311680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	604F00
RGB	96, 79, 0
RGB Percent	38%, 31%, 0%
CMY	0.6235, 0.6902, 1.0000
CMYK	0.00, 0.18, 1.00, 0.62
HSL	49°, 100%, 19%
HSV	49°, 100%, 38%
XYZ	7.6199, 8.0788, 1.1577
YIQ	75.0770, 35.4910, -20.9650

# Conversions

## Conversions Part 2

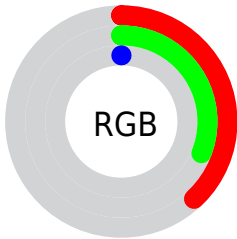
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 96, 0
Decimal	6311680
CIE Lab	34.15, -0.55, 42.48
CIE LCh	34, 42.484, 90.746
Yxy	8.0788, 0.4520, 0.4793
Android (android.graphics.Color)	4284501760 (0xFF604F00)
YUV	75.0770, -37.0130, 18.3495
Hunter-Lab	28.4232, -1.8872, 17.4812

# Details

The Decimal color **6311680** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4448**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **9863221**, and **2958080** is the 20% darker color. If you saturate the color by 10%, you get **6311680**, and if you desaturate by 10%, it is **6312202**.

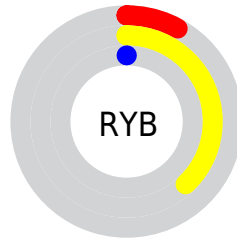
# Distribution



Red (38%)

Green (31%)

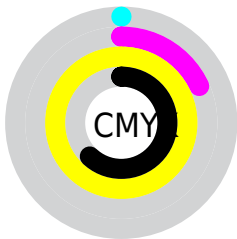
Blue (0%)



Red (8%)

Yellow (38%)

Blue (0%)

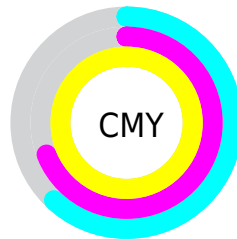


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6311680 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 6311680 by changing the saturation by 10% instead.



 6311680

 6311680

 16777200

 4667392

 9863221

 2958080

 11704910

 1248768

 13546599

 0

 15519873

 16772252

 16777143

 16777171

 6311680

■ 6312202

■ 6312467

■ 6312989

■ 6313510

■ 6314032

■ 6314298

■ 6314819

■ 6315341

■ 6315606

# Harmonies

## Analogous

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



8012307



6311680



4085774

# Triad

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



6311680



24690



7944306

# Complementary

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



6311680



4448

# 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.



5326731



6311680



23691

# Square

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



6311680



24656



21652



9121361

# Rectangle

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



6311680



1989667



21652



7290235



# Sweetspot

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



6311680



8222295



6291474



4209705



12566463



4210752



# Same Dimension

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



6311680



8218368



4349952



3158060



7363584



15779072



# Inverse Universe

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



4448



5757



1966176



2894896



5232

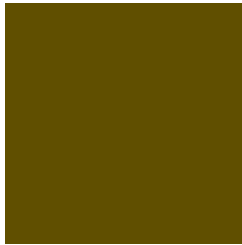


10992



# Previews

## White Background



This preview shows how the Decimal color 6311680 looks on a white background.

## Color Contrast Check

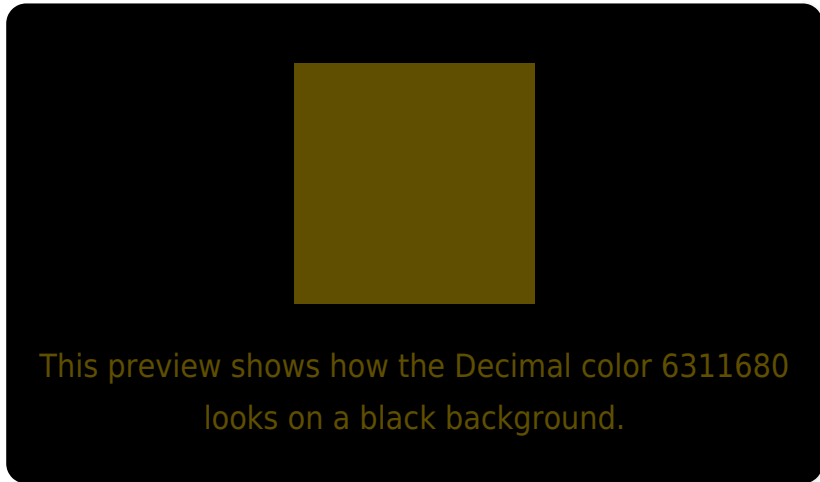
Large Text (above 18pt) WCAG AA ✓ Pass

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

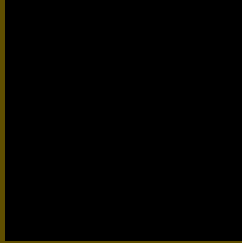
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6311680 Background



This preview shows how black text looks on a background with the Decimal color 6311680.

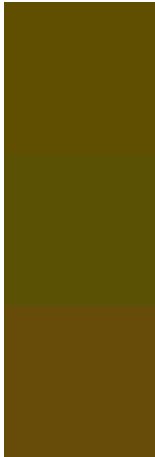


This preview shows how white text looks on a background with the Decimal color 6311680.

# 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**  
6311680

**Protanopia**  
5984516

**Deuteranopia**  
6704136



# Trichromacy



**Original Color**  
6311680

**Protanomaly**  
6115331

**Deuteranomaly**  
6573317

**Tritanomaly**  
6507314

# Monochromacy



**Original Color**  
6311680

**Achromatopsia**  
4934475

**Achromatomaly**  
5458992

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6311680 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 #604F00 looks like.

```
.text, #text, p{  
    color:#604F00  
}
```

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 #604F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604F00
}
```

## Border

The CSS property to change the border of an element to Decimal 6311680 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
#604F00 }
```

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

```
.border{ border-color:#604F00 }
```

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

Here you see how a box with a 4 pixel #604F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604F00; -webkit-box-shadow:4px 4px  
4px 4px #604F00; box-shadow:4px 4px 4px  
4px #604F00 }
```

# Background

The CSS property to change the background color of an element to Decimal 6311680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604F00 }
```

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

```
.background{ background-color:#604F00 }
```

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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