

# Converting Colors

Decimal(6316809)

Have a look what the booklet for  
Decimal(6316809) contains.

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**Color**

**Decimal(6316809)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	606309
RGB	96, 99, 9
RGB Percent	38%, 39%, 4%
CMY	0.6235, 0.6118, 0.9647
CMYK	0.03, 0.00, 0.91, 0.61
HSL	62°, 83%, 21%
HSV	62°, 91%, 39%
XYZ	9.3350, 11.4302, 1.9727
YIQ	87.8430, 27.1020, -28.6260

# Conversions

## Conversions Part 2

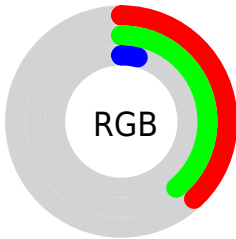
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 99, 12
Decimal	6316809
CIE <sub>Lab</sub>	40.30, -11.96, 44.53
CIE <sub>LCh</sub>	40, 46.112, 105.038
Yxy	11.4302, 0.4105, 0.5027
Android (android.graphics.Color)	4284506889 (0xFF606309)
YUV	87.8430, -38.8696, 7.1537
Hunter-Lab	33.8086, -9.8787, 20.2065

# Details

The Decimal color **6316809** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **788835**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **9803327**, and **3028224** is the 20% darker color. If you saturate the color by 10%, you get **6316800**, and if you desaturate by 10%, it is **6316819**.

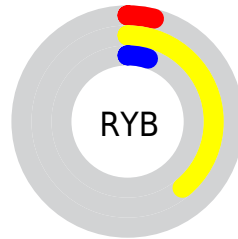
# Distribution



Red (38%)

Green (39%)

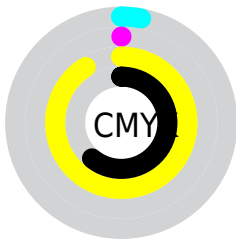
Blue (4%)



Red (4%)

Yellow (39%)

Blue (5%)

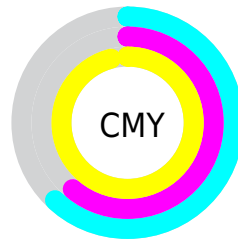


Cyan (3%)

Magenta (0%)

Yellow (91%)

Black (61%)



Cyan (62%)

Magenta (61%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6316809 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 6316809 by changing the saturation by 10% instead.





6316809



6316809

16777213



4672256



9803327



3028224



11645017



1384448



13487218



512



15394957



0



16777128



16777155



16777184



6316809



6316809

■ 6316800

■ 6316819

■ 6382365

■ 6382375

■ 6382385

■ 6447931

■ 6447940

■ 6447950

■ 6513496

■ 6513506

# Harmonies

## Analogous

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



8476174



6316809



3435302

# Triad

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



6316809



28564



10042739

# Complementary

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



6316809



788835

# 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.



7949461



6316809



27048

# Square

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



6316809



29041



3628456



10697550

# Rectangle

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



6316809



28221



3628456



9519743



# Sweetspot

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



6316809



8290397



6491145



4145195



12566463



4210752



# Same Dimension

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



6316809



8093696



3367689



3158060



7106560



15265792



# Inverse Universe

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



788835



262272



3737955



2894896



262256



524528



# Previews

## White Background



This preview shows how the Decimal color 6316809 looks on a white background.

## Color Contrast Check

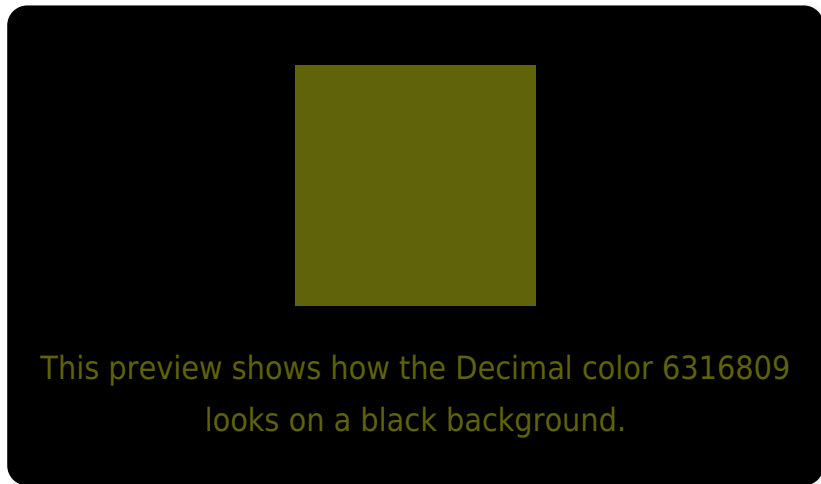
Large Text (above 18pt) WCAG AA ✓ Pass

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

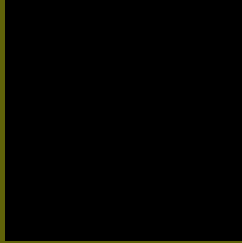
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6316809 Background



This preview shows how black text looks on a background with the Decimal color 6316809.



This preview shows how white text looks on a background with the Decimal color 6316809.

# 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**  
6316809

**Protanopia**  
7036679

**Deuteranopia**  
7887377



# Trichromacy



**Original Color**  
6316809

**Protanomaly**  
6774792

**Deuteranomaly**  
7298318

**Tritanomaly**  
6577986

# Monochromacy



**Original Color**  
6316809

**Achromatopsia**  
5789784

**Achromatomaly**  
5987387

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6316809 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 #606309 looks like.

```
.text, #text, p{  
    color:#606309  
}
```

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 #606309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #606309
}
```

## Border

The CSS property to change the border of an element to Decimal 6316809 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
#606309 }
```

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

```
.border{ border-color:#606309 }
```

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

Here you see how a box with a 4 pixel #606309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #606309; -webkit-box-shadow:4px 4px  
4px 4px #606309; box-shadow:4px 4px 4px  
4px #606309 }
```

# Background

The CSS property to change the background color of an element to Decimal 6316809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#606309 }
```

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

```
.background{ background-color:#606309 }
```

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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