

# Converting Colors

Hex(386209)

Have a look what the booklet for  
Hex(386209) contains.

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**Color**

**Hex(386209)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	386209
RGB	56, 98, 9
RGB Percent	22%, 38%, 4%
CMY	0.7804, 0.6157, 0.9647
CMYK	0.43, 0.00, 0.91, 0.62
HSL	88°, 83%, 21%
HSV	88°, 91%, 38%
XYZ	6.0479, 9.5958, 1.7919
YIQ	75.2960, 3.5370, -36.5830

# Conversions

## Conversions Part 2

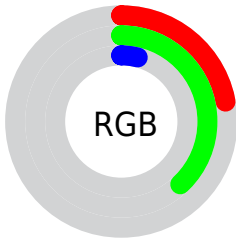
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 98, 51
Decimal	3695113
CIE Lab	37.11, -29.30, 40.69
CIE LCh	37, 50.140, 125.751
Yxy	9.5958, 0.3469, 0.5504
Android (android.graphics.Color)	4281885193 (0xFF386209)
YUV	75.2960, -32.6839, -16.9226
Hunter-Lab	30.9772, -19.3603, 18.2544

# Details

The Hex color **386209** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **330962**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6B953E**, and **013300** is the 20% darker color. If you saturate the color by 10%, you get **346200**, and if you desaturate by 10%, it is **3D6213**.

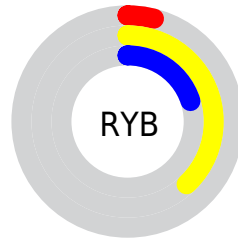
# Distribution



Red (22%)

Green (38%)

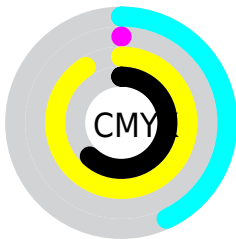
Blue (4%)



Red (4%)

Yellow (38%)

Blue (20%)

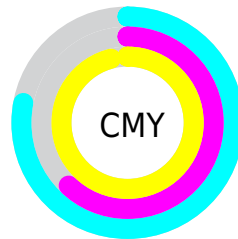


Cyan (43%)

Magenta (0%)

Yellow (91%)

Black (62%)



Cyan (78%)

Magenta (62%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 386209 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 Hex color 386209 by changing the saturation by 10% instead.



 386209

 386209

 FFFFFB

 1F4A00

 6B953E

 013300

 86B057

 002000

 A1CB71

 000000

 BDE88B

 D9FFA6

 F6FFC1

 FFFFDE

 386209

 386209

■ 346200

■ 3D6213

■ 41621D

■ 466226

■ 4A6230

■ 4F623A

■ 546244

■ 58624E

■ 5D6257

■ 626261

# Harmonies

## Analogous

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



635800



386209



006734

# Triad

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



386209



0064A1



9E2B51

# Complementary

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



386209



330962

# 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.



8D3579



386209



005AA8

# Square

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



386209



006986



614999



99362A

# Rectangle

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



386209



006950



614999



9B2C5F



# Sweetspot

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



386209



6F805D



623309



36402B



BFBFBF



404040



# Same Dimension

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



386209



438000



0C6209



2E302C



3B7000



7FF000



# Inverse Universe

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



330962



3C0080



5F0962



2E2C30



350070

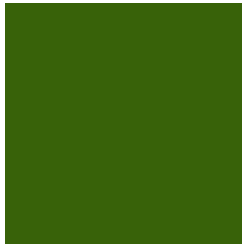


7100F0



# Previews

## White Background



This preview shows how the Hex color 386209 looks on a white background.

## Color Contrast Check

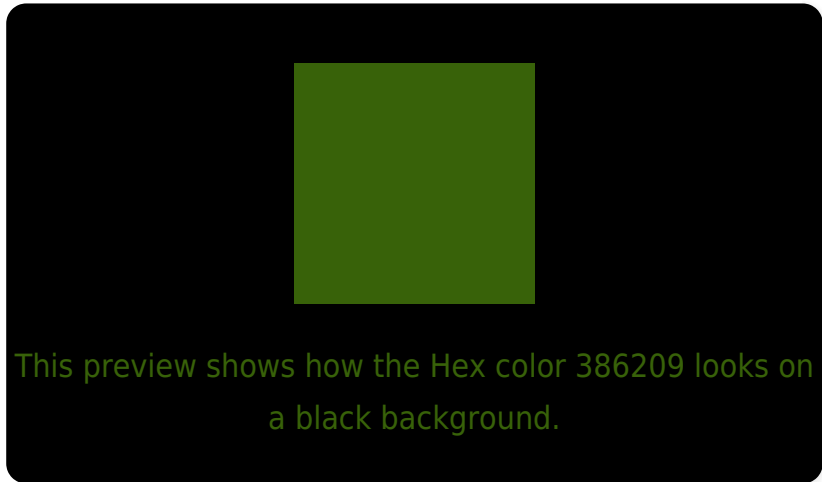
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Hex 386209 Background



This preview shows how black text looks on a background with the Hex color 386209.



This preview shows how white text looks on a background with the Hex color 386209.

# 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**  
386209

**Protanopia**  
625702

**Deuteranopia**  
6E5315



**Tritanopia**  
445B62

# Trichromacy



**Original Color**  
386209

**Protanomaly**  
535B05

**Deuteranomaly**  
5A5811

**Tritanomaly**  
405E42

# Monochromacy



**Original Color**  
386209

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
445333

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 386209 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 #386209 looks like.

```
.text, #text, p{  
    color:#386209  
}
```

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 #386209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386209
}
```

## Border

The CSS property to change the border of an element to Hex 386209 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
#386209 }
```

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

```
.border{ border-color:#386209 }
```

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

Here you see how a box with a 4 pixel #386209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386209; -webkit-box-shadow:4px 4px  
4px 4px #386209; box-shadow:4px 4px 4px  
4px #386209 }
```

# Background

The CSS property to change the background color of an element to Hex 386209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386209 }
```

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

```
.background{ background-color:#386209 }
```

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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