

# Converting Colors

Hex(36580C)

Have a look what the booklet for  
Hex(36580C) contains.

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**Color**

**Hex(36580C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36580C
RGB	54, 88, 12
RGB Percent	21%, 35%, 5%
CMY	0.7882, 0.6549, 0.9529
CMYK	0.39, 0.00, 0.86, 0.65
HSL	87°, 76%, 20%
HSV	87°, 86%, 35%
XYZ	5.0774, 7.7903, 1.5839
YIQ	69.1700, 4.1320, -30.8440

# Conversions

## Conversions Part 2

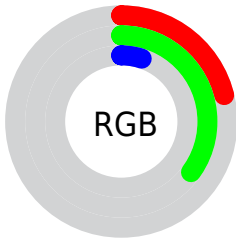
Format	Color
<b>RYB</b>	12, 88, 46
Decimal	3561484
CIELab	33.54, -25.23, 36.60
CIELCh	34, 44.452, 124.589
Yxy	7.7903, 0.3513, 0.5391
Android (android.graphics.Color)	4281751564 (0xFF36580C)
YUV	69.1700, -28.1848, -13.3041
Hunter-Lab	27.9110, -16.3727, 16.1732

# Details

The Hex color **36580C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2E0C58**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **688A3E**, and **032A00** is the 20% darker color. If you saturate the color by 10%, you get **325803**, and if you desaturate by 10%, it is **3A5815**.

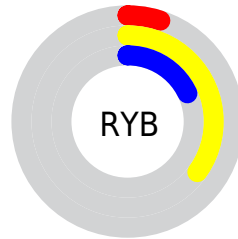
# Distribution



Red (21%)

Green (35%)

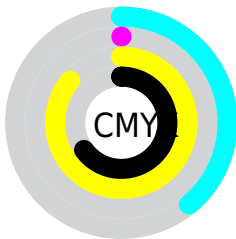
Blue (5%)



Red (5%)

Yellow (35%)

Blue (18%)

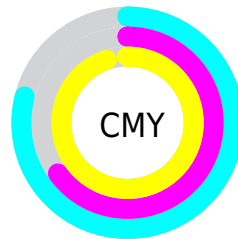


Cyan (39%)

Magenta (0%)

Yellow (86%)

Black (65%)



Cyan (79%)

Magenta (65%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36580C 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 36580C by changing the saturation by 10% instead.



 36580C

 36580C

 FFFFF9

 1E4000

 688A3E

 032A00

 82A556

 001500

 9DC070

 000000

 B9DC8A

 D5F8A5

 F2FFC0

 FFFFDC

 36580C

 36580C

■ 325803

■ 3A5815

■ 315800

■ 3E581E

■ 425826

■ 46582F

■ 4A5838

■ 4E5841

■ 52584A

■ 555852

■ 59585B

# Harmonies

## Analogous

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



5B4F00



36580C



005D2F

# Triad

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



36580C



005A8E



8D2A4B

# Complementary

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



36580C



2E0C58

# 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.



7D326E



36580C



005195

# Square

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



36580C



005E76



564389



893229

# Rectangle

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



36580C



005F47



564389



8A2B57



# Sweetspot

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



36580C



657355



582D0C



333B28



BABABA



3B3B3B



# Same Dimension

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



36580C



3F7300



11580C



292B27



3B6B00



82EB00



# Inverse Universe

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



2E0C58



330073



530C58



29272B



30006B

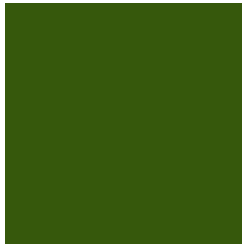


6900EB



# Previews

## White Background



This preview shows how the Hex color 36580C looks on a white background.

## Color Contrast Check

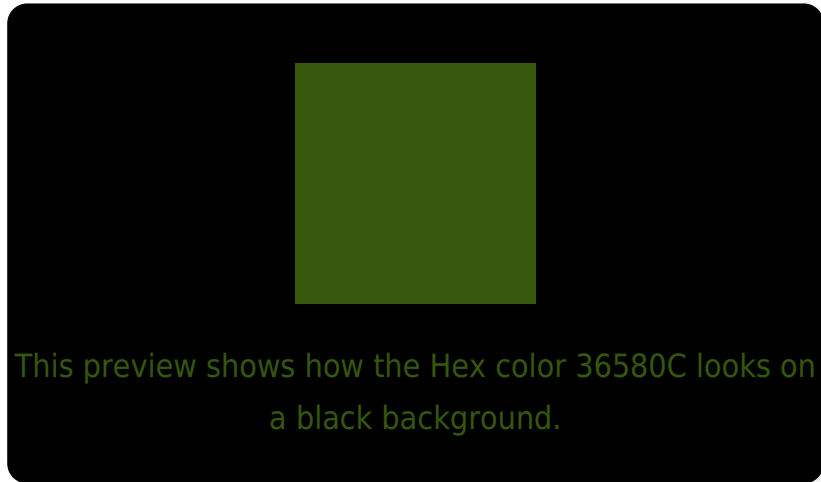
Large Text (above 18pt) WCAG AA ✓ Pass

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

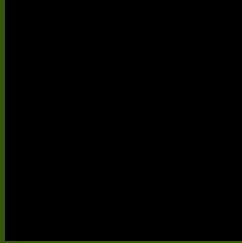
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 36580C Background



This preview shows how black text looks on a background with the Hex color 36580C.



This preview shows how white text looks on a background with the Hex color 36580C.

# 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](#).

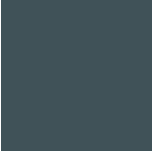
## Dichromacy



**Original Color**  
36580C

**Protanopia**  
594F09

**Deuteranopia**  
634B15



**Tritanopia**  
405258

# Trichromacy



**Original Color**  
36580C

**Protanomaly**  
4C520A

**Deuteranomaly**  
535012

**Tritanomaly**  
3C543C

# Monochromacy



**Original Color**  
36580C

**Achromatopsia**  
454545

**Achromatomaly**  
404C30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36580C 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 #36580C looks like.

```
.text, #text, p{  
    color:#36580C  
}
```

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 #36580C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36580C
}
```

## Border

The CSS property to change the border of an element to Hex 36580C 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".

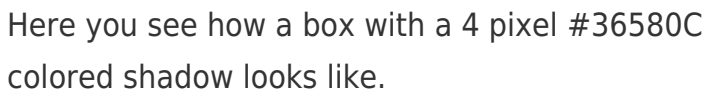
```
.border, #border, table{ border:4px solid
#36580C }
```

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

```
.border{ border-color:#36580C }
```

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

Here you see how a box with a 4 pixel #36580C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36580C; -webkit-box-shadow:4px 4px  
4px 4px #36580C; box-shadow:4px 4px 4px  
4px #36580C }
```

# Background

The CSS property to change the background color of an element to Hex 36580C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36580C }
```

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

```
.background{ background-color:#36580C }
```

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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