

# Converting Colors

Hex(36590D)

Have a look what the booklet for  
Hex(36590D) contains.

<b>Hex(36590D)</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**

**Hex(36590D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	36590D
RGB	54, 89, 13
RGB Percent	21%, 35%, 5%
CMY	0.7882, 0.6510, 0.9490
CMYK	0.39, 0.00, 0.85, 0.65
HSL	88°, 75%, 20%
HSV	88°, 85%, 35%
XYZ	5.1663, 7.9581, 1.6445
YIQ	69.8710, 3.5360, -31.0560

# Conversions

## Conversions Part 2

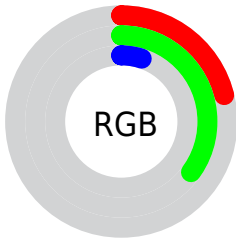
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 89, 48
Decimal	3561741
CIE <sub>Lab</sub>	33.90, -25.66, 36.59
CIE <sub>LCh</sub>	34, 44.692, 125.047
Yxy	7.9581, 0.3498, 0.5388
Android (android.graphics.Color)	4281751821 (0xFF36590D)
YUV	69.8710, -28.0374, -13.9189
Hunter-Lab	28.2101, -16.6775, 16.2907

# Details

The Hex color **36590D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **300D59**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **688B3F**, and **032B00** is the 20% darker color. If you saturate the color by 10%, you get **325904**, and if you desaturate by 10%, it is **3A5916**.

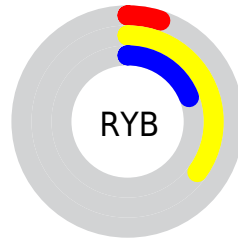
# Distribution



Red (21%)

Green (35%)

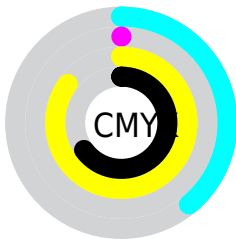
Blue (5%)



Red (5%)

Yellow (35%)

Blue (19%)

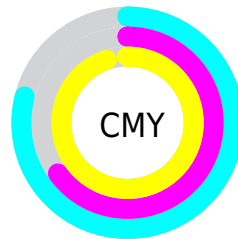


Cyan (39%)

Magenta (0%)

Yellow (85%)

Black (65%)



Cyan (79%)

Magenta (65%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36590D 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 36590D by changing the saturation by 10% instead.



 36590D

 36590D

 FFFFFA

 1E4100

 688B3F

 032B00

 83A657

 001600

 9DC171

 000000

 B9DD8B

 D5FAA5

 F2FFC1

 FFFFDD

 36590D

 36590D

■ 325904

■ 3A5916

■ 305900

■ 3E591F

■ 425928

■ 465931

■ 4A5939

■ 4F5942

■ 53594B

■ 575954

■ 5B595D

# Harmonies

## Analogous

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



5B5000



36590D



005E30

# Triad

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



36590D



005B90



8E2A4B

# Complementary

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



36590D



300D59

# 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.



7F336E



36590D



005297

# Square

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



36590D



005F78



57438A



8A3329

# Rectangle

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



36590D



006048



57438A



8B2B57



# Sweetspot

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



36590D



657355



592F0D



323B28



BABABA



3B3B3B



# Same Dimension

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



36590D



3E7300



11590D



292B27



3A6B00



7FEB00



# Inverse Universe

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



300D59



350073



550D59



29272B



31006B

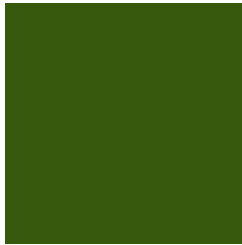


6C00EB



# Previews

## White Background



This preview shows how the Hex color 36590D looks on a white background.

## Color Contrast Check

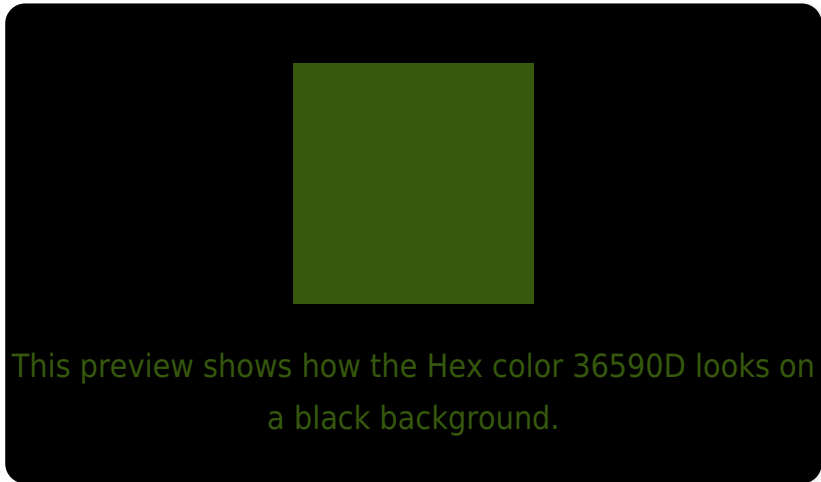
Large Text (above 18pt) WCAG AA ✓ Pass

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

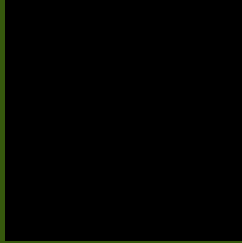
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 36590D Background



This preview shows how black text looks on a background with the Hex color 36590D.



This preview shows how white text looks on a background with the Hex color 36590D.

# 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**  
36590D

**Protanopia**  
5A500A

**Deuteranopia**  
644C15



**Tritanopia**  
405359

# Trichromacy



**Original Color**  
36590D

**Protanomaly**  
4D530B

**Deuteranomaly**  
535112

**Tritanomaly**  
3C553D

# Monochromacy



**Original Color**  
36590D

**Achromatopsia**  
464646

**Achromatomaly**  
404D31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36590D 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 #36590D looks like.

```
.text, #text, p{  
    color:#36590D  
}
```

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 #36590D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36590D  
}
```

## Border

The CSS property to change the border of an element to Hex 36590D 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".

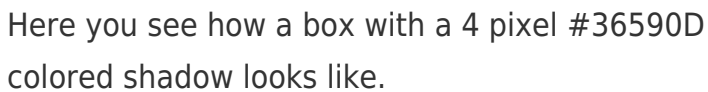
```
.border, #border, table{ border:4px solid  
#36590D }
```

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

```
.border{ border-color:#36590D }
```

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

Here you see how a box with a 4 pixel #36590D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36590D; -webkit-box-shadow:4px 4px  
4px 4px #36590D; box-shadow:4px 4px 4px  
4px #36590D }
```

# Background

The CSS property to change the background color of an element to Hex 36590D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36590D }
```

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

```
.background{ background-color:#36590D }
```

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