

# Converting Colors

Hex(36550C)

Have a look what the booklet for  
Hex(36550C) contains.

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**Color**

**Hex(36550C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	36550C
RGB	54, 85, 12
RGB Percent	21%, 33%, 5%
CMY	0.7882, 0.6667, 0.9529
CMYK	0.36, 0.00, 0.86, 0.67
HSL	85°, 75%, 19%
HSV	85°, 86%, 33%
XYZ	4.8362, 7.3078, 1.5035
YIQ	67.4090, 4.9570, -29.2750

# Conversions

## Conversions Part 2

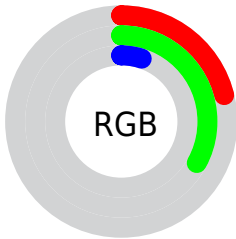
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 85, 43
Decimal	3560716
CIELab	32.50, -23.76, 35.63
CIELCh	32, 42.831, 123.697
Yxy	7.3078, 0.3544, 0.5355
Android (android.graphics.Color)	4281750796 (0xFF36550C)
YUV	67.4090, -27.3166, -11.7597
Hunter-Lab	27.0330, -15.3742, 15.6256

# Details

The Hex color **36550C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2B0C55**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **68873D**, and **032700** is the 20% darker color. If you saturate the color by 10%, you get **325504**, and if you desaturate by 10%, it is **3A5514**.

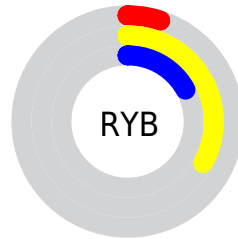
# Distribution



 Red (21%)

 Green (33%)

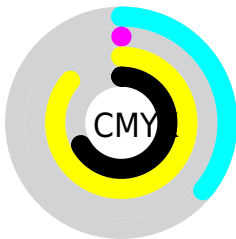
 Blue (5%)



 Red (5%)

 Yellow (33%)

 Blue (17%)

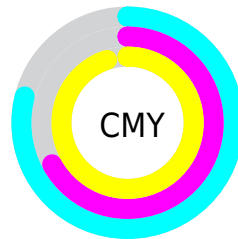


 Cyan (36%)

 Magenta (0%)

 Yellow (86%)

 Black (67%)



 Cyan (79%)

 Magenta (67%)

 Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36550C 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 36550C by changing the saturation by 10% instead.



 36550C

 36550C

 FFFFF8

 1F3E00

 68873D

 032700

 82A156

 001000

 9DBC6F

 000000

 B8D889

 D4F5A4

 F1FFBF

 FFFFDB

 36550C

 36550C

■ 325504

■ 3A5514

■ 315500

■ 3D551D

■ 415526

■ 44552E

■ 485536

■ 4C553F

■ 4F5548

■ 535550

■ 565558

# Harmonies

## Analogous

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



594C00



36550C



005A2D

# Triad

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



36550C



005889



88294A

# Complementary

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



36550C



2B0C55

# 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.



78326B



36550C



004F90

# Square

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



36550C



005B71



524285



853129

# Rectangle

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



36550C



005C44



524285



852A55



# Sweetspot

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



36550C



626E51



552A0C



313827



B8B8B8



383838



# Same Dimension

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



36550C



3F6E00



12550C



2A2B27



3E6B00



87EB00



# Inverse Universe

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



2B0C55



2F006E



4F0C55



29272B



2D006B

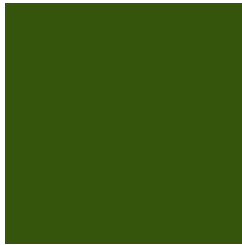


6400EB



# Previews

## White Background



This preview shows how the Hex color 36550C looks on a white background.

## Color Contrast Check

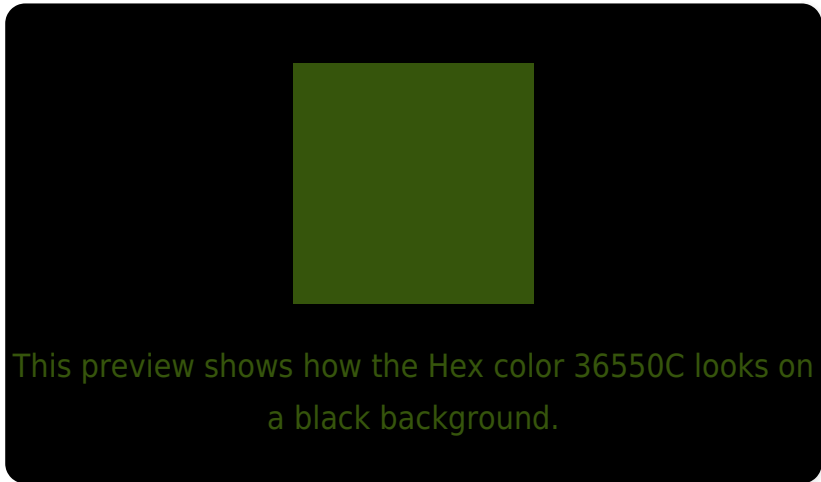
Large Text (above 18pt) WCAG AA ✓ Pass

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

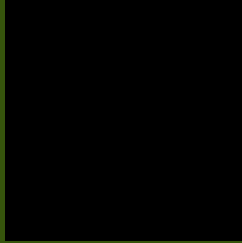
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 36550C Background



This preview shows how black text looks on a background with the Hex color 36550C.



This preview shows how white text looks on a background with the Hex color 36550C.

# 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**  
36550C

**Protanopia**  
564D09

**Deuteranopia**  
604814



**Tritanopia**  
3F4F55

# Trichromacy



**Original Color**  
36550C

**Protanomaly**  
4A500A

**Deuteranomaly**  
514D11

**Tritanomaly**  
3C513A

# Monochromacy



**Original Color**  
36550C

**Achromatopsia**  
434343

**Achromatomaly**  
3E4A2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36550C 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 #36550C looks like.

```
.text, #text, p{  
    color:#36550C  
}
```

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 #36550C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36550C
}
```

## Border

The CSS property to change the border of an element to Hex 36550C 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".

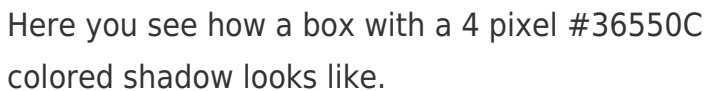
```
.border, #border, table{ border:4px solid
#36550C }
```

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

```
.border{ border-color:#36550C }
```

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

Here you see how a box with a 4 pixel #36550C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36550C; -webkit-box-shadow:4px 4px  
4px 4px #36550C; box-shadow:4px 4px 4px  
4px #36550C }
```

# Background

The CSS property to change the background color of an element to Hex 36550C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36550C }
```

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

```
.background{ background-color:#36550C }
```

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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