

# Converting Colors

Hex(36570B)

Have a look what the booklet for  
Hex(36570B) contains.

<b>Hex(36570B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(36570B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	36570B
RGB	54, 87, 11
RGB Percent	21%, 34%, 4%
CMY	0.7882, 0.6588, 0.9569
CMYK	0.38, 0.00, 0.87, 0.66
HSL	86°, 78%, 19%
HSV	86°, 87%, 34%
XYZ	4.9899, 7.6248, 1.5253
YIQ	68.4690, 4.7280, -30.6320

# Conversions

## Conversions Part 2

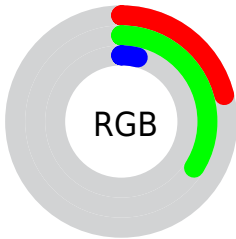
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 87, 44
Decimal	3561227
CIELab	33.19, -24.80, 36.60
CIElCh	33, 44.207, 124.125
Yxy	7.6248, 0.3529, 0.5392
Android (android.graphics.Color)	4281751307 (0xFF36570B)
YUV	68.4690, -28.3322, -12.6893
Hunter-Lab	27.6131, -16.0664, 16.0540

# Details

The Hex color **36570B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2C0B57**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **68893D**, and **032900** is the 20% darker color. If you saturate the color by 10%, you get **325702**, and if you desaturate by 10%, it is **3A5714**.

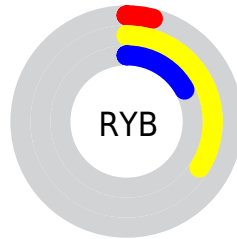
# Distribution



Red (21%)

Green (34%)

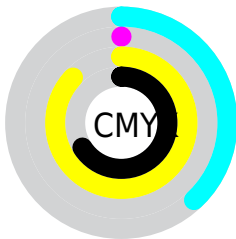
Blue (4%)



Red (4%)

Yellow (34%)

Blue (17%)

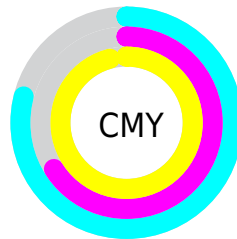


Cyan (38%)

Magenta (0%)

Yellow (87%)

Black (66%)



Cyan (79%)

Magenta (66%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36570B 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 36570B by changing the saturation by 10% instead.



 36570B

 36570B

 FFFFF8

 1E3F00

 68893D

 032900

 82A456

 001300

 9DBF6F

 000000

 B9DB89

 D5F7A4

 F2FFBF

 FFFFDB

 36570B

 36570B

■ 325702

■ 3A5714

■ 315700

■ 3E571C

■ 415725

■ 45572E

■ 495737

■ 4D573F

■ 505748

■ 545751

■ 585759

# Harmonies

## Analogous

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



5A4E00



36570B



005C2E

# Triad

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



36570B



005A8D



8B294B

# Complementary

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



36570B



2C0B57

# 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.



7B326D



36570B



005194

# Square

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



36570B



005D74



544288



883129

# Rectangle

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



36570B



005E46



544288



882A56



# Sweetspot

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



36570B



647053



572C0B



313827



B8B8B8



383838



# Same Dimension

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



36570B



3F7000



10570B



292B27



3D6B00



85EB00



# Inverse Universe

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



2C0B57



310070



520B57



29272B



2F006B

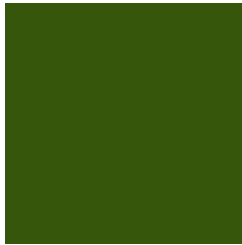


6600EB



# Previews

## White Background



This preview shows how the Hex color 36570B looks on a white background.

## Color Contrast Check

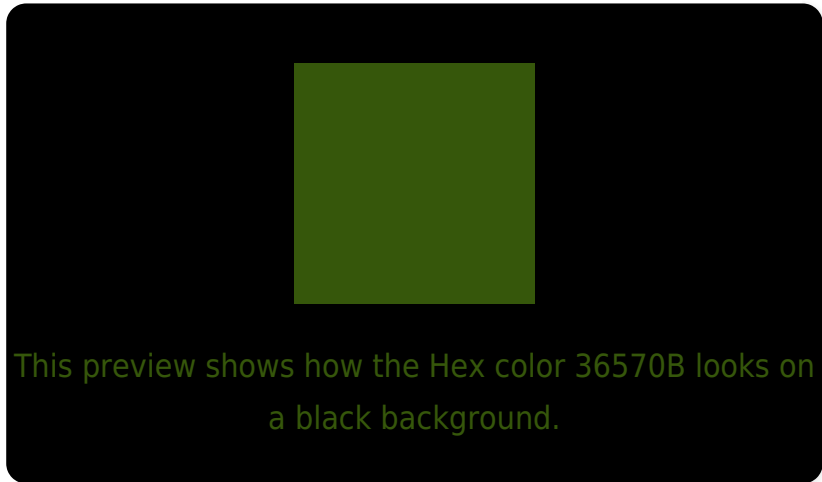
Large Text (above 18pt) WCAG AA ✓ Pass

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

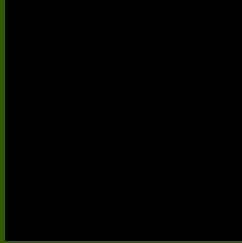
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 36570B Background



This preview shows how black text looks on a background with the Hex color 36570B.



This preview shows how white text looks on a background with the Hex color 36570B.

# 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**  
36570B

**Protanopia**  
584E08

**Deuteranopia**  
624A14



**Tritanopia**  
3F5157

# Trichromacy



**Original Color**  
36570B

**Protanomaly**  
4C5109

**Deuteranomaly**  
524F11

**Tritanomaly**  
3C533B

# Monochromacy



**Original Color**  
36570B

**Achromatopsia**  
444444

**Achromatomaly**  
3F4B2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36570B 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 #36570B looks like.

```
.text, #text, p{  
    color:#36570B  
}
```

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 #36570B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36570B
}
```

## Border

The CSS property to change the border of an element to Hex 36570B is called "border". The border property can be set on classes, ids or directly on the HTML element.

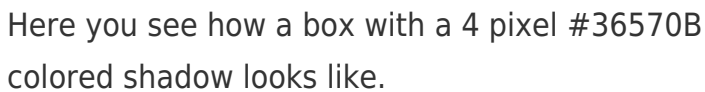
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36570B }
```

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

```
.border{ border-color:#36570B }
```

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



Here you see how a box with a 4 pixel #36570B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36570B; -webkit-box-shadow:4px 4px  
4px 4px #36570B; box-shadow:4px 4px 4px  
4px #36570B }
```

# Background

The CSS property to change the background color of an element to Hex 36570B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36570B }
```

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

```
.background{ background-color:#36570B }
```

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