

# Converting Colors

Hex(35602D)

Have a look what the booklet for  
Hex(35602D) contains.

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# Color

**Hex(35602D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	35602D
RGB	53, 96, 45
RGB Percent	21%, 38%, 18%
CMY	0.7922, 0.6235, 0.8235
CMYK	0.45, 0.00, 0.53, 0.62
HSL	111°, 36%, 28%
HSV	111°, 53%, 38%
XYZ	6.1247, 9.3121, 3.9572
YIQ	77.3290, -9.2570, -24.9770

# Conversions

## Conversions Part 2

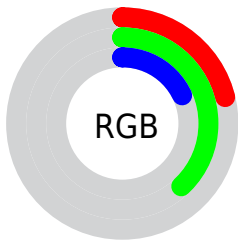
Format	Color
<b>RYB</b>	45, 96, 88
Decimal	3498029
CIELab	36.58, -26.17, 24.40
CIElCh	37, 35.787, 137.005
Yxy	9.3121, 0.3158, 0.4802
Android (android.graphics.Color)	4281688109 (0xFF35602D)
YUV	77.3290, -15.9382, -21.3365
Hunter-Lab	30.5157, -17.5763, 13.6724

# Details

The Hex color **35602D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **582D60**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **67935C**, and **043100** is the 20% darker color. If you saturate the color by 10%, you get **2D6023**, and if you desaturate by 10%, it is **3D6037**.

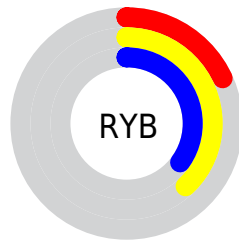
# Distribution



Red (21%)

Green (38%)

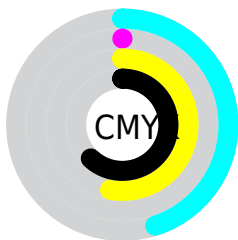
Blue (18%)



Red (18%)

Yellow (38%)

Blue (35%)

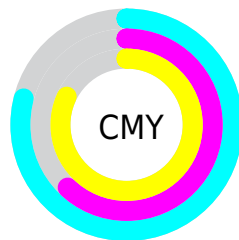


Cyan (45%)

Magenta (0%)

Yellow (53%)

Black (62%)



Cyan (79%)

Magenta (62%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35602D 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 35602D by changing the saturation by 10% instead.



 35602D

 35602D

FFFFFF

 1D4817

 67935C

 043100

 80AE75

 001E00

 9BC98F

 000000

 B6E5A9

 D2FFC5

 EFFFEE

FFFFFFE

 35602D

 35602D

■ 2D6023

■ 3D6037

■ 25601A

■ 456040

■ 1D6010

■ 4D604A

■ 156007

■ 556053

■ 0F6000

■ 5D605D

■ 666067

■ 6E6070

■ 76607A

■ 7E6083

# Harmonies

## Analogous

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



565A1B



35602D



006348

# Triad

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



35602D



005D8E



8B3D47

# Complementary

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



35602D



582D60

# 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.



843E64



35602D



41538D

# Square

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



35602D



00627F



6D487E



83452D

# Rectangle

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



35602D



00645C



6D487E



8B3C50



# Sweetspot

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



35602D



6C7D69



60582D



364034



BFBFBF



404040



# Same Dimension

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



35602D



3A7D2D



2D603E



2C302C



127000



26F000



# Inverse Universe

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



582D60



702D7D



602D4F



302C30



5F0070

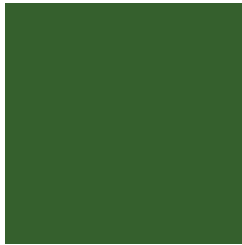


CA00F0



# Previews

## White Background



This preview shows how the Hex color 35602D looks on a white background.

## Color Contrast Check

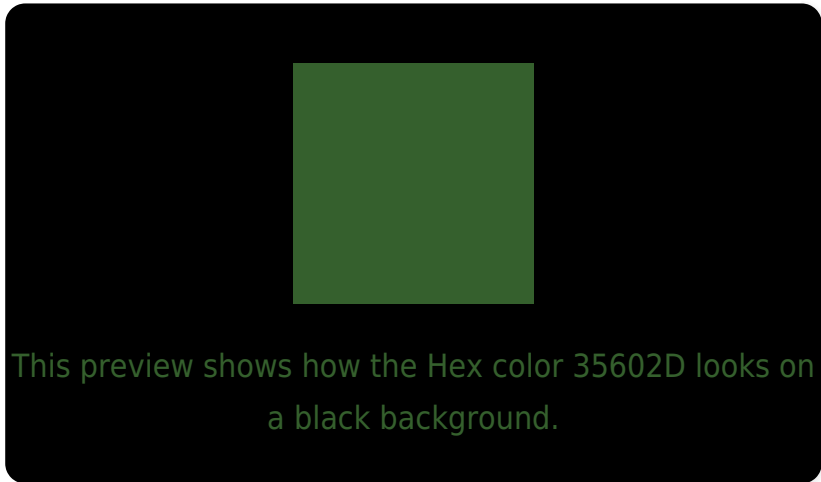
Large Text (above 18pt) WCAG AA ✓ Pass

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

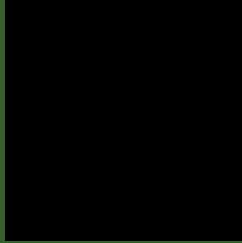
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 35602D Background



This preview shows how black text looks on a background with the Hex color 35602D.



This preview shows how white text looks on a background with the Hex color 35602D.

# 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**  
35602D

**Protanopia**  
5F562A

**Deuteranopia**  
695231



**Tritanopia**  
3F5A62

# Trichromacy



**Original Color**  
35602D

**Protanomaly**  
505A2B

**Deuteranomaly**  
565730

**Tritanomaly**  
3B5C4F

# Monochromacy



**Original Color**  
35602D

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
445441

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35602D 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 #35602D looks like.

```
.text, #text, p{  
    color:#35602D  
}
```

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 #35602D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35602D
}
```

## Border

The CSS property to change the border of an element to Hex 35602D 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
#35602D }
```

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

```
.border{ border-color:#35602D }
```

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

Here you see how a box with a 4 pixel #35602D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35602D; -webkit-box-shadow:4px 4px  
4px 4px #35602D; box-shadow:4px 4px 4px  
4px #35602D }
```

# Background

The CSS property to change the background color of an element to Hex 35602D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35602D }
```

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

```
.background{ background-color:#35602D }
```

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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