

# Converting Colors

Hex(35572D)

Have a look what the booklet for  
Hex(35572D) contains.

<b>Hex(35572D)</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(35572D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35572D
RGB	53, 87, 45
RGB Percent	21%, 34%, 18%
CMY	0.7922, 0.6588, 0.8235
CMYK	0.39, 0.00, 0.48, 0.66
HSL	109°, 32%, 26%
HSV	109°, 48%, 34%
XYZ	5.3500, 7.7627, 3.6990
YIQ	72.0460, -6.7820, -20.2700

# Conversions

## Conversions Part 2

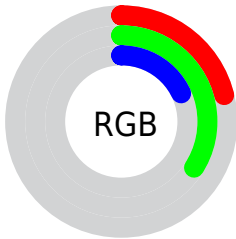
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 87, 79
Decimal	3495725
CIELab	33.48, -21.67, 20.54
CIELCh	33, 29.860, 136.532
Yxy	7.7627, 0.3182, 0.4617
Android (android.graphics.Color)	4281685805 (0xFF35572D)
YUV	72.0460, -13.3337, -16.7033
Hunter-Lab	27.8617, -14.4821, 11.6317

# Details

The Hex color **35572D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F2D57**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **66895C**, and **092900** is the 20% darker color. If you saturate the color by 10%, you get **2E5724**, and if you desaturate by 10%, it is **3C5736**.

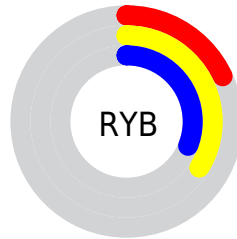
# Distribution



Red (21%)

Green (34%)

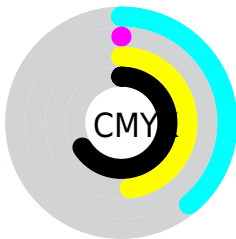
Blue (18%)



Red (18%)

Yellow (34%)

Blue (31%)

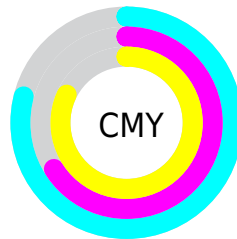


Cyan (39%)

Magenta (0%)

Yellow (48%)

Black (66%)



Cyan (79%)

Magenta (66%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35572D 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 35572D by changing the saturation by 10% instead.



 35572D

 35572D

FFFFFF

 1E3F17

 66895C

 092900

 7FA474

 001400

 99BF8E

 000000

 B5DBA9

 D0F7C4

 EDFFE0

 FFFFFD

 35572D

 35572D

■ 2E5724

■ 3C5736

■ 27571C

■ 43573E

■ 205713

■ 4A5747

■ 19570A

■ 515750

■ 125701

■ 585759

■ 115700

■ 5F5761

■ 66576A

■ 6D5773

■ 74577B

# Harmonies

## Analogous

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



50521F



35572D



075A43

# Triad

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



35572D



00547C



7B3B43

# Complementary

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



35572D



4F2D57

# 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.



753C5A



35572D



3F4D7C

# Square

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



35572D



005970



61436F



75412D

# Rectangle

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



35572D



005B53



61436F



7B3B4A



# Sweetspot

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



35572D



637060



574F2D



30382F



B8B8B8



383838



# Same Dimension

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



35572D



3C702F



2D573A



282B27



146B00



2DEB00



# Inverse Universe

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



4F2D57



642F70



572D4A



2B272B



57006B

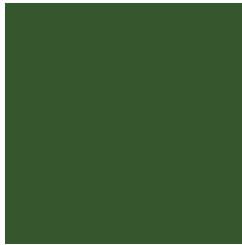


BE00EB



# Previews

## White Background



This preview shows how the Hex color 35572D looks on a white background.

## Color Contrast Check

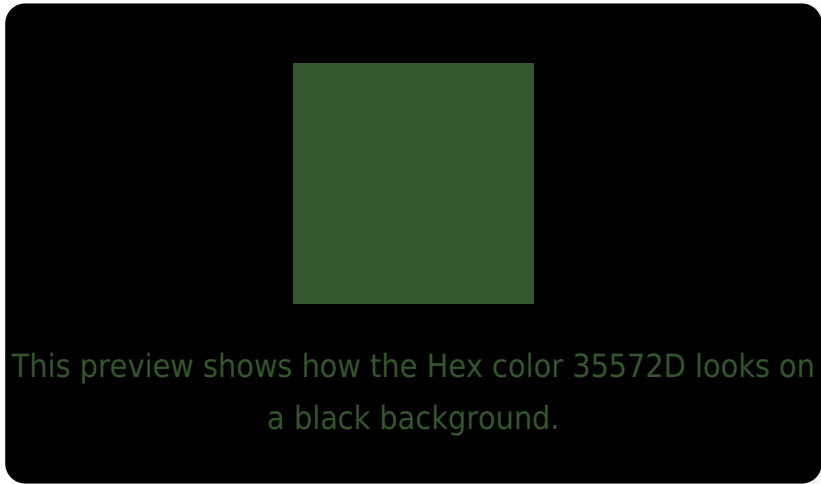
Large Text (above 18pt) WCAG AA ✓ Pass

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

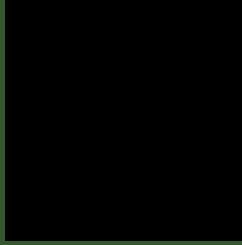
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 35572D Background



This preview shows how black text looks on a background with the Hex color 35572D.



This preview shows how white text looks on a background with the Hex color 35572D.

# 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**  
35572D

**Protanopia**  
564F2A

**Deuteranopia**  
5F4B30



**Tritanopia**  
3D5259

# Trichromacy



**Original Color**  
35572D

**Protanomaly**  
4A522B

**Deuteranomaly**  
504F2F

**Tritanomaly**  
3A5449

# Monochromacy



**Original Color**  
35572D

**Achromatopsia**  
484848

**Achromatomaly**  
414D3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35572D 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 #35572D looks like.

```
.text, #text, p{  
    color:#35572D  
}
```

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 #35572D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35572D
}
```

## Border

The CSS property to change the border of an element to Hex 35572D 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
#35572D }
```

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

```
.border{ border-color:#35572D }
```

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

Here you see how a box with a 4 pixel #35572D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35572D; -webkit-box-shadow:4px 4px  
4px 4px #35572D; box-shadow:4px 4px 4px  
4px #35572D }
```

# Background

The CSS property to change the background color of an element to Hex 35572D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35572D }
```

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

```
.background{ background-color:#35572D }
```

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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