

Converting Colors

Hex(35782D)

Have a look what the booklet for
Hex(35782D) contains.

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Color

Hex(35782D)

Conversions

Conversions Part 1

Format	Color
Hex	35782D
RGB	53, 120, 45
RGB Percent	21%, 47%, 18%
CMY	0.7922, 0.5294, 0.8235
CMYK	0.56, 0.00, 0.62, 0.53
HSL	114°, 45%, 32%
HSV	114°, 62%, 47%
XYZ	8.6583, 14.3793, 4.8018
YIQ	91.4170, -15.8570, -37.5290

Conversions

Conversions Part 2

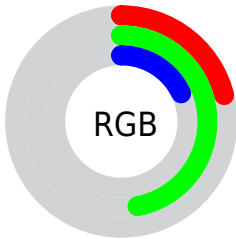
Format	Color
RYB	45, 120, 112
Decimal	3504173
CIELab	44.77, -36.97, 34.12
CIELCh	45, 50.310, 137.299
Yxy	14.3793, 0.3110, 0.5165
Android (android.graphics.Color)	4281694253 (0xFF35782D)
YUV	91.4170, -22.8836, -33.6917
Hunter-Lab	37.9200, -25.6029, 19.0362

Details

The Hex color **35782D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **702D78**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6AAD5E**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **2A7821**, and if you desaturate by 10%, it is **407839**.

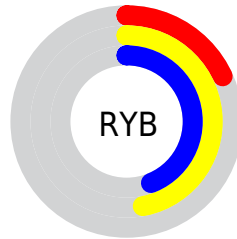
Distribution



Red (21%)

Green (47%)

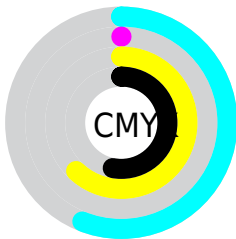
Blue (18%)



Red (18%)

Yellow (47%)

Blue (44%)

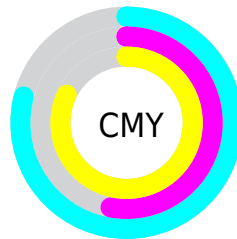


Cyan (56%)

Magenta (0%)

Yellow (62%)

Black (53%)



Cyan (79%)

Magenta (53%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35782D 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 35782D by changing the saturation by 10% instead.

 35782D

 35782D

FFFFFF

 185F15

 6AAD5E

 004600

 85C977

 002F00

 A0E591

 001900

 BCFFAC

 000000

 D9FFC8

 F6FFE4

 35782D

 35782D

 2A7821

 407839

■ 207815

■ 4A7845

■ 157809

■ 557851

■ 0D7800

■ 60785D

■ 6B7869

■ 757875

■ 807881

■ 8B788D

■ 957899

Harmonies

Analogous

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



686F0B



35782D



007C56

Triad

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



35782D



0074BC



B54253

Complementary

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



35782D



702D78

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.



AC437E



35782D



4566BA

Square

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



35782D



007BA7



8A54A3



A9502D

Rectangle

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



35782D



007E73



8A54A3



B54061

Sweetspot

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



35782D



819C7E



786F2D



3F4F3D



CFCFCF



4F4F4F

Same Dimension

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



35782D



339C27



2D784A



383D37



0D7D00



1BFC00

Inverse Universe

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



702D78



8F279C



782D5B



3D373D



70007D



E200FC

Previews

White Background



This preview shows how the Hex color 35782D looks on a white background.

Color Contrast Check

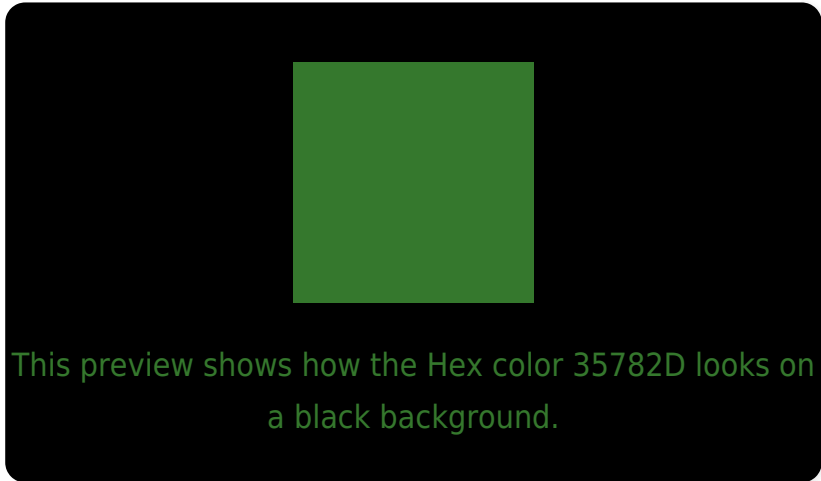
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 35782D Background



This preview shows how black text looks on a background with the Hex color 35782D.



This preview shows how white text looks on a background with the Hex color 35782D.

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
35782D

Protanopia
766A29

Deuteranopia
826433



Tritanopia
457079

Trichromacy



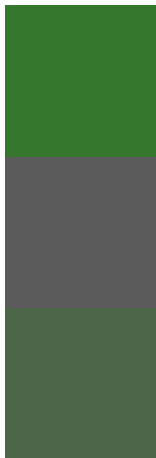
Original Color
35782D

Protanomaly
5E6F2A

Deuteranomaly
666B31

Tritanomaly
3F735D

Monochromacy



Original Color
35782D

Achromatopsia
5B5B5B

Achromatomaly
4D664A

CSS Examples

Text

The CSS property to change the color of the text to Hex 35782D 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 #35782D looks like.

```
.text, #text, p{  
    color:#35782D  
}
```

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 #35782D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35782D
}
```

Border

The CSS property to change the border of an element to Hex 35782D 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".

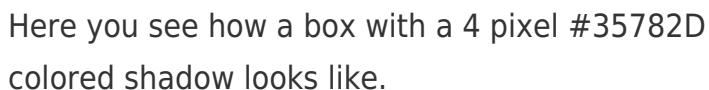
```
.border, #border, table{ border:4px solid
#35782D }
```

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

```
.border{ border-color:#35782D }
```

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

Here you see how a box with a 4 pixel #35782D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35782D; -webkit-box-shadow:4px 4px  
4px 4px #35782D; box-shadow:4px 4px 4px  
4px #35782D }
```

Background

The CSS property to change the background color of an element to Hex 35782D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35782D }
```

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

```
.background{ background-color:#35782D }
```

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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