

Converting Colors

Hex(35784B)

Have a look what the booklet for
Hex(35784B) contains.

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Color

Hex(35784B)

Conversions

Conversions Part 1

Format	Color
Hex	35784B
RGB	53, 120, 75
RGB Percent	21%, 47%, 29%
CMY	0.7922, 0.5294, 0.7059
CMYK	0.56, 0.00, 0.37, 0.53
HSL	140°, 39%, 34%
HSV	140°, 56%, 47%
XYZ	9.4547, 14.6978, 8.9953
YIQ	94.8370, -25.4870, -28.1990

Conversions

Conversions Part 2

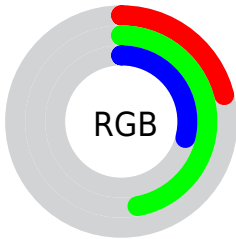
Format	Color
RYB	53, 103, 120
Decimal	3504203
CIELab	45.22, -32.20, 18.44
CIElCh	45, 37.104, 150.197
Yxy	14.6978, 0.2852, 0.4434
Android (android.graphics.Color)	4281694283 (0xFF35784B)
YUV	94.8370, -9.7796, -36.6910
Hunter-Lab	38.3377, -23.0702, 12.9251

Details

The Hex color **35784B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **783562**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **69AD7C**, and **00471E** is the 20% darker color. If you saturate the color by 10%, you get **297843**, and if you desaturate by 10%, it is **417853**.

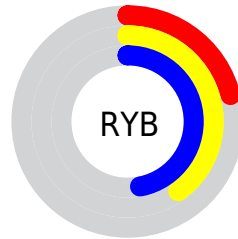
Distribution



Red (21%)

Green (47%)

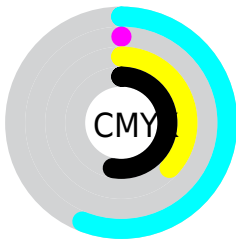
Blue (29%)



Red (21%)

Yellow (40%)

Blue (47%)

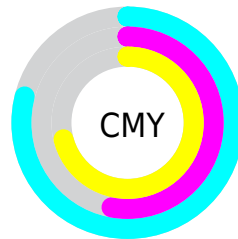


Cyan (56%)

Magenta (0%)

Yellow (37%)

Black (53%)



Cyan (79%)

Magenta (53%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35784B 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 35784B by changing the saturation by 10% instead.



35784B



35784B

FFFFFF



195F34



69AD7C



00471E



84C896



002F07



9FE5B1



001B00



BBFFCC



000000



D7FFE9



F4FFFF



35784B



35784B



297843



417853

■ 1D783B

■ 4D785B

■ 117833

■ 597863

■ 05782B

■ 65786B

■ 007827

■ 717873

■ 7D787B

■ 897883

■ 95788B

■ A17894

Harmonies

Analogous

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



5D7233



35784B



007B6A

Triad

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



35784B



316EA9



A3544E

Complementary

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



35784B



783562

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.



A3516C



35784B



6D63A1

Square

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



35784B



0076A0



91578A



955E36

Rectangle

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



35784B



007B7F



91578A



A55257

Sweetspot

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



35784B



819C8A



637835



3F4F44



CFCFCF



4F4F4F

Same Dimension

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



35784B



339C56



35786C



373D39



007D29



00FC53

Inverse Universe

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



783562



9C3379



783541



3D373B



7D0054



FC00AA

Previews

White Background



This preview shows how the Hex color 35784B looks on a white background.

Color Contrast Check

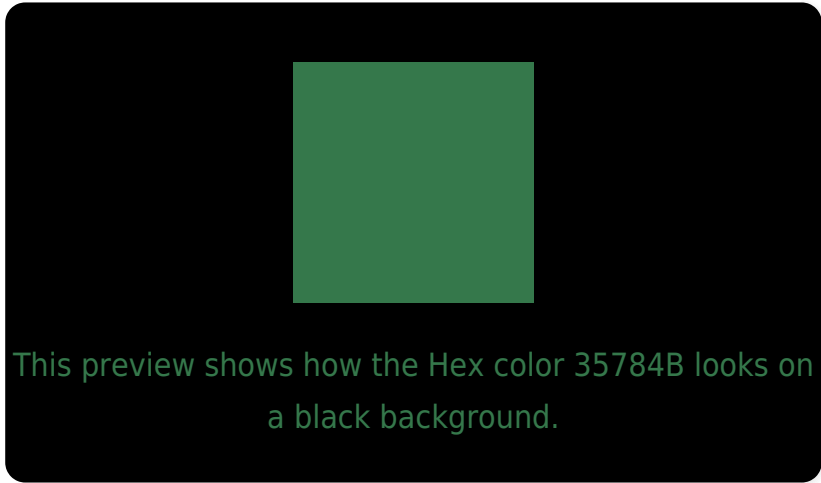
Large Text (above 18pt) WCAG AA ✓ Pass

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

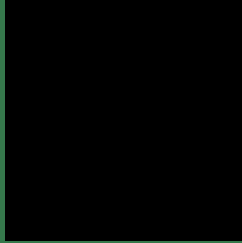
Any Text WCAG AA × Fail

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 35784B Background



This preview shows how black text looks on a background with the Hex color 35784B.



This preview shows how white text looks on a background with the Hex color 35784B.

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
35784B

Protanopia
746A45

Deuteranopia
7E664F



Tritanopia
42727B

Trichromacy



Original Color
35784B

Protanomaly
5D6F47

Deuteranomaly
636D4E

Tritanomaly
3D746A

Monochromacy



Original Color
35784B

Achromatopsia
5F5F5F

Achromatomaly
506858

CSS Examples

Text

The CSS property to change the color of the text to Hex 35784B 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 #35784B looks like.

```
.text, #text, p{  
    color:#35784B  
}
```

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 #35784B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35784B
}
```

Border

The CSS property to change the border of an element to Hex 35784B 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
#35784B }
```

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

```
.border{ border-color:#35784B }
```

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

Here you see how a box with a 4 pixel #35784B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35784B; -webkit-box-shadow:4px 4px  
4px 4px #35784B; box-shadow:4px 4px 4px  
4px #35784B }
```

Background

The CSS property to change the background color of an element to Hex 35784B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35784B }
```

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

```
.background{ background-color:#35784B }
```

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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