

Converting Colors

Hex(35794C)

Have a look what the booklet for
Hex(35794C) contains.

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Color

Hex(35794C)

Conversions

Conversions Part 1

Format	Color
Hex	35794C
RGB	53, 121, 76
RGB Percent	21%, 47%, 30%
CMY	0.7922, 0.5255, 0.7020
CMYK	0.56, 0.00, 0.37, 0.53
HSL	140°, 39%, 34%
HSV	140°, 56%, 47%
XYZ	9.6101, 14.9534, 9.2173
YIQ	95.5380, -26.0830, -28.4110

Conversions

Conversions Part 2

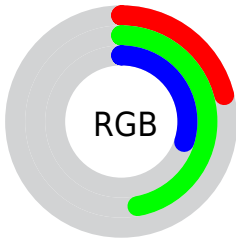
Format	Color
RYB	53, 104, 121
Decimal	3504460
CIELab	45.57, -32.46, 18.34
CIElCh	46, 37.278, 150.531
Yxy	14.9534, 0.2845, 0.4427
Android (android.graphics.Color)	4281694540 (0xFF35794C)
YUV	95.5380, -9.6322, -37.3058
Hunter-Lab	38.6697, -23.3116, 12.9364

Details

The Hex color **35794C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **793562**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **69AE7D**, and **00481F** is the 20% darker color. If you saturate the color by 10%, you get **297944**, and if you desaturate by 10%, it is **417954**.

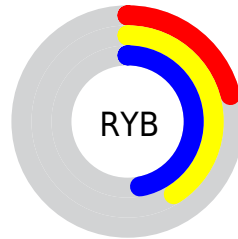
Distribution



Red (21%)

Green (47%)

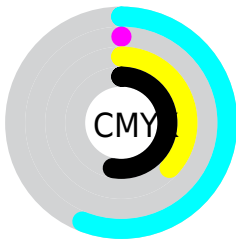
Blue (30%)



Red (21%)

Yellow (41%)

Blue (47%)

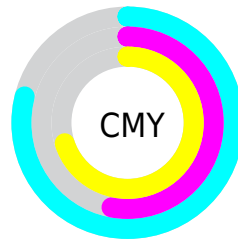


Cyan (56%)

Magenta (0%)

Yellow (37%)

Black (53%)



Cyan (79%)

Magenta (53%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35794C 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 35794C by changing the saturation by 10% instead.

 35794C

 35794C

FFFFFF

 196035

 69AE7D

 00481F

 84CA97

 003009

 9FE6B2

 001C00

 BBFFCE

 000000

 D7FFEA

 F4FFFF

 35794C

 35794C

 297944

 417954

■ 1D793C

■ 4D795C

■ 117934

■ 597964

■ 05792C

■ 65796C

■ 007929

■ 727974

■ 7E797C

■ 8A7984

■ 96798C

■ A27994

Harmonies

Analogous

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



5E7334



35794C



007C6B

Triad

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



35794C



326FAA



A5554E

Complementary

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



35794C



793562

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.



A4516D



35794C



6E63A2

Square

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



35794C



0077A2



93588B



965F36

Rectangle

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



35794C



007C81



93588B



A65358

Sweetspot

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



35794C



839E8C



627935



3F4F45



CFCFCF



4F4F4F

Same Dimension

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



35794C



349E58



35796E



373D39



007D2A



00FC55

Inverse Universe

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



793562



9E347A



793540



3D373B



7D0053



FC00A7

Previews

White Background



This preview shows how the Hex color 35794C looks on a white background.

Color Contrast Check

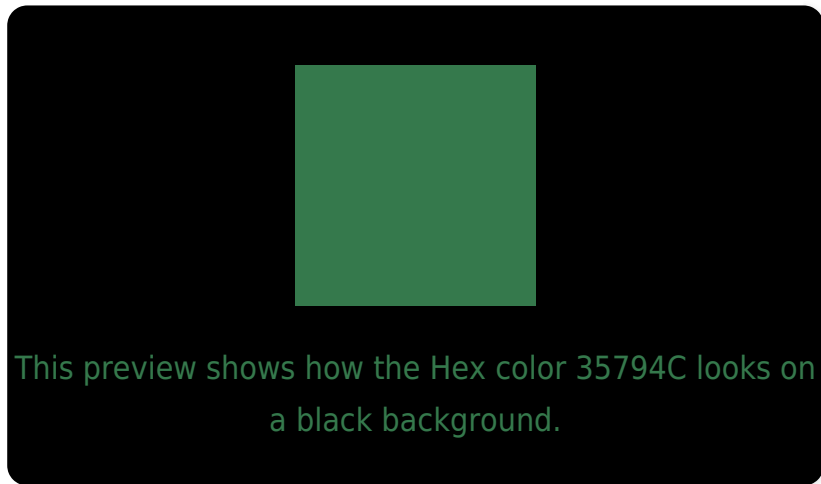
Large Text (above 18pt) WCAG AA ✓ Pass

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

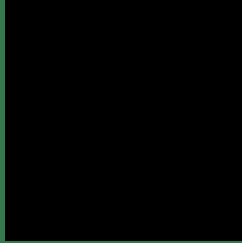
Any Text WCAG AA × Fail

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 35794C Background



This preview shows how black text looks on a background with the Hex color 35794C.



This preview shows how white text looks on a background with the Hex color 35794C.

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
35794C

Protanopia
756B46

Deuteranopia
7F6750



Tritanopia
42737C

Trichromacy



Original Color
35794C

Protanomaly
5E7048

Deuteranomaly
646E4F

Tritanomaly
3D756B

Monochromacy



Original Color
35794C

Achromatopsia
606060

Achromatomaly
506959

CSS Examples

Text

The CSS property to change the color of the text to Hex 35794C 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 #35794C looks like.

```
.text, #text, p{  
    color:#35794C  
}
```

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 #35794C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35794C
}
```

Border

The CSS property to change the border of an element to Hex 35794C 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
#35794C }
```

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

```
.border{ border-color:#35794C }
```

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

Here you see how a box with a 4 pixel #35794C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35794C; -webkit-box-shadow:4px 4px  
4px 4px #35794C; box-shadow:4px 4px 4px  
4px #35794C }
```

Background

The CSS property to change the background color of an element to Hex 35794C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35794C }
```

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

```
.background{ background-color:#35794C }
```

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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