

Converting Colors

Hex(35551B)

Have a look what the booklet for
Hex(35551B) contains.

Hex(35551B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(35551B)

Conversions

Conversions Part 1

Format	Color
Hex	35551B
RGB	53, 85, 27
RGB Percent	21%, 33%, 11%
CMY	0.7922, 0.6667, 0.8941
CMYK	0.38, 0.00, 0.68, 0.67
HSL	93°, 52%, 22%
HSV	93°, 68%, 33%
XYZ	4.9145, 7.3330, 2.1933
YIQ	68.8200, -0.4540, -24.8220

Conversions

Conversions Part 2

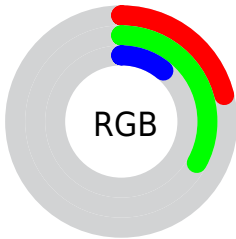
Format	Color
RYB	27, 85, 59
Decimal	3495195
CIELab	32.55, -23.01, 29.29
CIELCh	33, 37.250, 128.146
Yxy	7.3330, 0.3403, 0.5078
Android (android.graphics.Color)	4281685275 (0xFF35551B)
YUV	68.8200, -20.6173, -13.8741
Hunter-Lab	27.0795, -14.9941, 14.1535

Details

The Hex color **35551B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3B1B55**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **668749**, and **062700** is the 20% darker color. If you saturate the color by 10%, you get **305513**, and if you desaturate by 10%, it is **3A5524**.

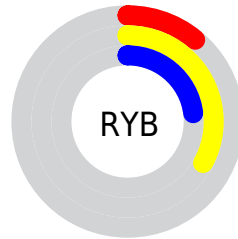
Distribution



Red (21%)

Green (33%)

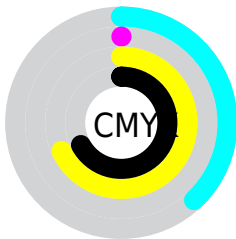
Blue (11%)



Red (11%)

Yellow (33%)

Blue (23%)

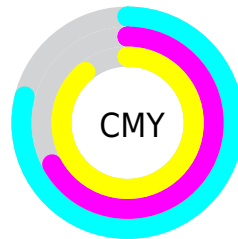


Cyan (38%)

Magenta (0%)

Yellow (68%)

Black (67%)



Cyan (79%)

Magenta (67%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35551B 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 35551B by changing the saturation by 10% instead.



35551B



35551B

FFFFFF



1D3E03



668749



062700



80A162



001000



9BBC7B



000000



B6D895



D2F5B0



EEFFCC



FFFFE8



35551B



35551B

■ 305513

■ 3A5524

■ 2C550A

■ 3E552C

■ 275502

■ 435535

■ 265500

■ 48553D

■ 4C5546

■ 51554E

■ 565556

■ 5B555F

■ 5F5567

Harmonies

Analogous

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



544E0B



35551B



005936

Triad

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



35551B



005583



823146

Complementary

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



35551B



3B1B55

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.



763563



35551B



1C4D87

Square

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



35551B



005A70



58417B



7D372A

Rectangle

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



35551B



005A4A



58417B



803150

Sweetspot

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



35551B



626E58



553B1B



31382B



B8B8B8



383838

Same Dimension

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



35551B



3C6E14



1B551E



292B27



306B00



69EB00

Inverse Universe

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



3B1B55



45146E



551B52



29272B



3B006B



8100EB

Previews

White Background



This preview shows how the Hex color 35551B looks on a white background.

Color Contrast Check

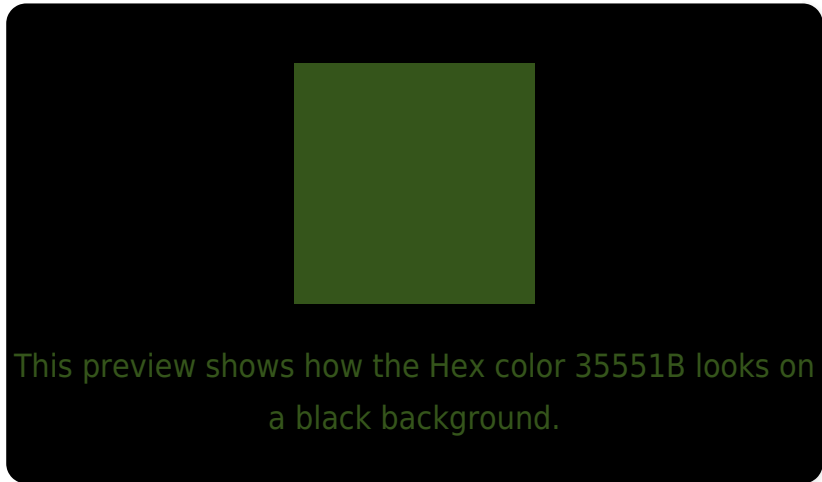
Large Text (above 18pt) WCAG AA ✓ Pass

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

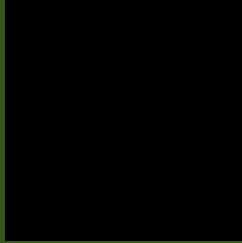
Any Text WCAG AA × Fail

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 35551B Background



This preview shows how black text looks on a background with the Hex color 35551B.



This preview shows how white text looks on a background with the Hex color 35551B.

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
35551B

Protanopia
564D19

Deuteranopia
5F491F



Tritanopia
3E4F56

Trichromacy



Original Color
35551B

Protanomaly
4A501A

Deuteranomaly
504D1E

Tritanomaly
3B5141

Monochromacy



Original Color
35551B

Achromatopsia
454545

Achromatomaly
3F4B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 35551B 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 #35551B looks like.

```
.text, #text, p{  
    color:#35551B  
}
```

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 #35551B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35551B
}
```

Border

The CSS property to change the border of an element to Hex 35551B 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".

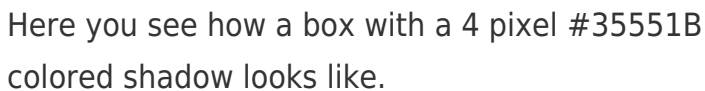
```
.border, #border, table{ border:4px solid
#35551B }
```

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

```
.border{ border-color:#35551B }
```

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

Here you see how a box with a 4 pixel #35551B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35551B; -webkit-box-shadow:4px 4px  
4px 4px #35551B; box-shadow:4px 4px 4px  
4px #35551B }
```

Background

The CSS property to change the background color of an element to Hex 35551B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35551B }
```

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

```
.background{ background-color:#35551B }
```

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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