

Converting Colors

Hex(334111)

Have a look what the booklet for
Hex(334111) contains.

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Color

Hex(334111)

Conversions

Conversions Part 1

Format	Color
Hex	334111
RGB	51, 65, 17
RGB Percent	20%, 25%, 7%
CMY	0.8000, 0.7451, 0.9333
CMYK	0.22, 0.00, 0.74, 0.75
HSL	77°, 59%, 16%
HSV	77°, 74%, 25%
XYZ	3.3567, 4.5249, 1.2268
YIQ	55.3420, 7.0640, -17.8960

Conversions

Conversions Part 2

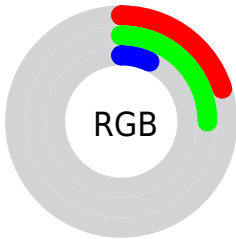
Format	Color
R_{YB}	17, 65, 31
Decimal	3358993
CIE _{Lab}	25.34, -14.13, 26.43
CIE _{LCh}	25, 29.970, 118.123
Yxy	4.5249, 0.3685, 0.4968
Android (android.graphics.Color)	4281549073 (0xFF334111)
YUV	55.3420, -18.9026, -3.8079
Hunter-Lab	21.2717, -9.0580, 11.4709

Details

The Hex color **334111** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1F1141**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **63713E**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **31410A**, and if you desaturate by 10%, it is **354117**.

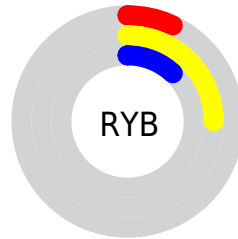
Distribution



Red (20%)

Green (25%)

Blue (7%)



Red (7%)

Yellow (25%)

Blue (12%)

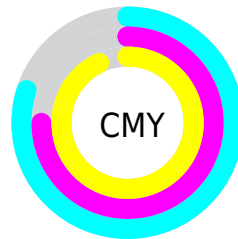


Cyan (22%)

Magenta (0%)

Yellow (74%)

Black (75%)



Cyan (80%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334111 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 334111 by changing the saturation by 10% instead.

 334111

 334111

 FFFFF7

 1E2B00

 63713E

 001800

 7D8A56

 000000

 97A56F

 B2C088

 CEDCA3

 EAF8BE

 FFFFDA

 334111

 334111

■ 31410A

■ 354117

■ 2F4104

■ 37411E

■ 2E4100

■ 394125

■ 3B412B

■ 3C4131

■ 3E4138

■ 40413E

■ 424145

■ 44414B

Harmonies

Analogous

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



493A0B



334111



134523

Triad

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



334111



004462



64273E

Complementary

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



334111



1F1141

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.



562D54



334111



003F69

Square

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



334111



004751



3A3764



652A28

Rectangle

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



334111



004732



3A3764



612846

Sweetspot

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



334111



4F5442



411F11



282B20



ABABAB



2B2B2B

Same Dimension

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



334111



3E5409



1B4111



20211E



456100



9FE000

Inverse Universe

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



1F1141



1F0954



371141



1F1E21



1C0061



4100E0

Previews

White Background



This preview shows how the Hex color 334111 looks on a white background.

Color Contrast Check

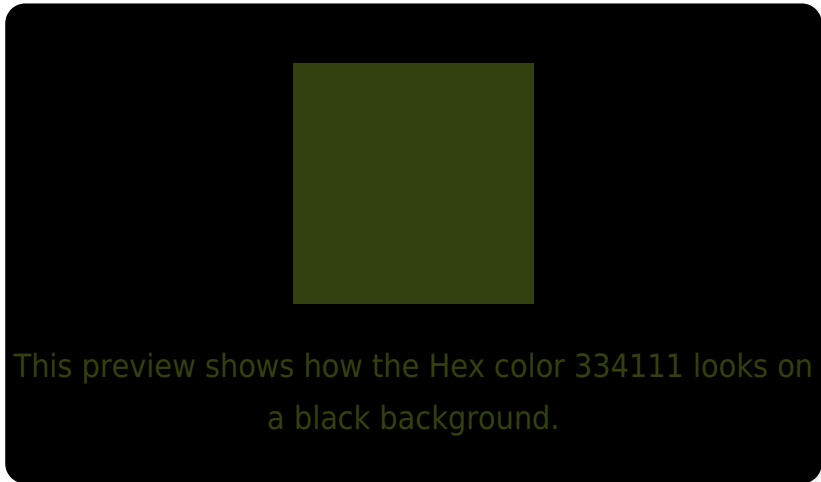
Large Text (above 18pt) WCAG AA ✓ Pass

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

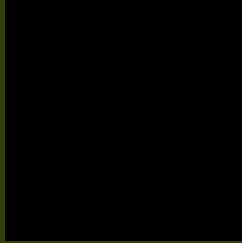
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

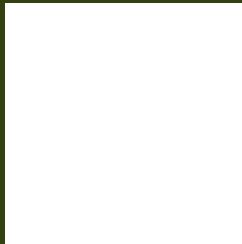
Any Text WCAG AAA × Fail

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

Hex 334111 Background



This preview shows how black text looks on a background with the Hex color 334111.



This preview shows how white text looks on a background with the Hex color 334111.

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
334111

Protanopia
433C10

Deuteranopia
4B3914



Tritanopia
383D41

Trichromacy



Original Color
334111

Protanomaly
3D3E10

Deuteranomaly
423C13

Tritanomaly
363E30

Monochromacy



Original Color
334111

Achromatopsia
373737

Achromatomaly
363B29

CSS Examples

Text

The CSS property to change the color of the text to Hex 334111 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 #334111 looks like.

```
.text, #text, p{  
    color:#334111  
}
```

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 #334111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334111
}
```

Border

The CSS property to change the border of an element to Hex 334111 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
#334111 }
```

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

```
.border{ border-color:#334111 }
```

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

Here you see how a box with a 4 pixel #334111 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334111; -webkit-box-shadow:4px 4px  
4px 4px #334111; box-shadow:4px 4px 4px  
4px #334111 }
```

Background

The CSS property to change the background color of an element to Hex 334111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334111 }
```

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

```
.background{ background-color:#334111 }
```

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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