

Converting Colors

Hex(334120)

Have a look what the booklet for
Hex(334120) contains.

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Color

Hex(334120)

Conversions

Conversions Part 1

Format	Color
Hex	334120
RGB	51, 65, 32
RGB Percent	20%, 25%, 13%
CMY	0.8000, 0.7451, 0.8745
CMYK	0.22, 0.00, 0.51, 0.75
HSL	85°, 34%, 19%
HSV	85°, 51%, 25%
XYZ	3.5162, 4.5887, 2.0669
YIQ	57.0520, 2.2490, -13.2310

Conversions

Conversions Part 2

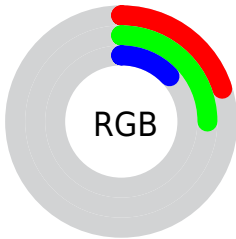
Format	Color
RYB	32, 65, 46
Decimal	3359008
CIELab	25.53, -12.40, 18.25
CIELCh	26, 22.066, 124.198
Yxy	4.5887, 0.3457, 0.4511
Android (android.graphics.Color)	4281549088 (0xFF334120)
YUV	57.0520, -12.3506, -5.3076
Hunter-Lab	21.4212, -8.1867, 9.2741

Details

The Hex color **334120** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2E2041**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **62714D**, and **001700** is the 20% darker color. If you saturate the color by 10%, you get **30411A**, and if you desaturate by 10%, it is **364127**.

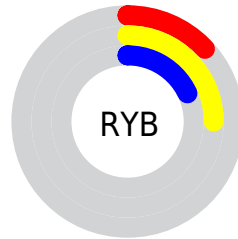
Distribution



Red (20%)

Green (25%)

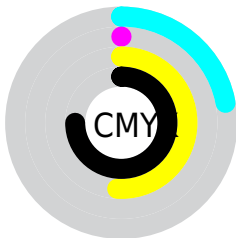
Blue (13%)



Red (13%)

Yellow (25%)

Blue (18%)

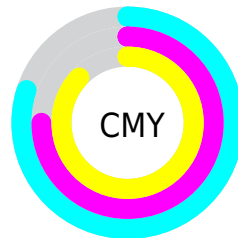


Cyan (22%)

Magenta (0%)

Yellow (51%)

Black (75%)



Cyan (80%)

Magenta (75%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334120 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 334120 by changing the saturation by 10% instead.

■ 334120

■ 334120

FFFFFF

■ 1D2B0A

■ 62714D

■ 001700

■ 7B8A65

■ 000000

■ 95A57E

■ B0C098

■ CCDCB3

■ E8F8CF

■ FFFFEB

■ 334120

■ 334120

■ 30411A

■ 364127

■ 2D4113

■ 39412D

■ 2B410C

■ 3B4134

■ 284106

■ 3E413A

■ 254100

■ 414141

■ 444147

■ 46414E

■ 494154

■ 4C415A

Harmonies

Analogous

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



453C1A



334120



1D442D

Triad

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



334120



00425A



5C2F3B

Complementary

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



334120



2E2041

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.



53314B



334120



263D5E

Square

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



334120



00454F



413758



5B312B

Rectangle

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



334120



074539



413758



5A2F40

Sweetspot

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



334120



4F5448



412E20



282B24



ABABAB



2B2B2B

Same Dimension

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



334120



3E5421



234120



20211E



386100



81E000

Inverse Universe

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



2E2041



372154



3E2041



1F1E21



290061



5F00E0

Previews

White Background



This preview shows how the Hex color 334120 looks on a white background.

Color Contrast Check

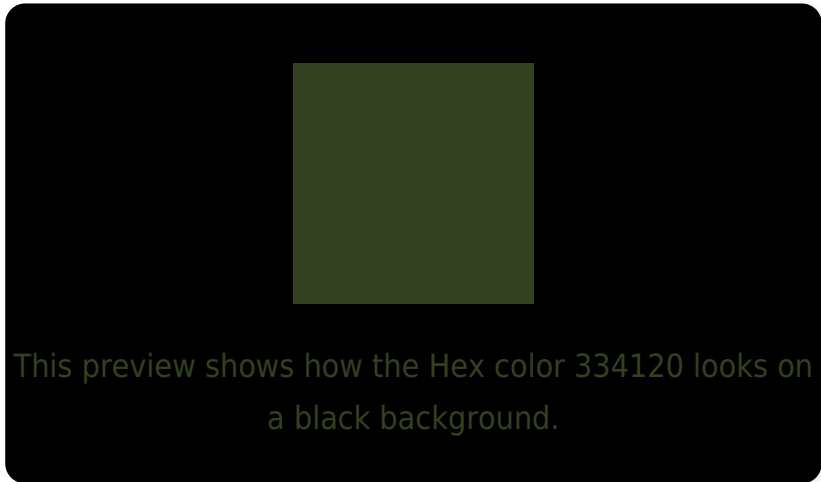
Large Text (above 18pt) WCAG AA ✓ Pass

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

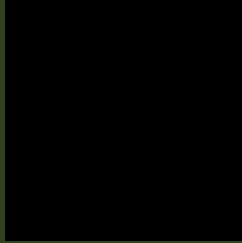
Any Text WCAG AA × Fail

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 334120 Background



This preview shows how black text looks on a background with the Hex color 334120.



This preview shows how white text looks on a background with the Hex color 334120.

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
334120

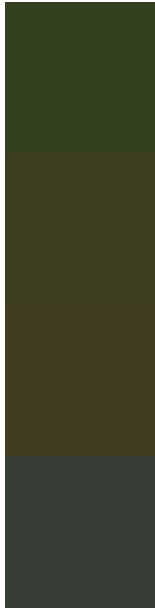
Protanopia
433C1E

Deuteranopia
4A3A22



Tritanopia
383D42

Trichromacy



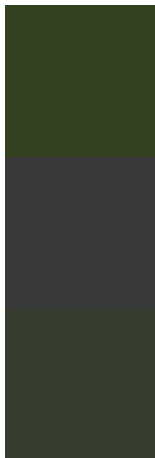
Original Color
334120

Protanomaly
3D3E1F

Deuteranomaly
423D21

Tritanomaly
363E36

Monochromacy



Original Color
334120

Achromatopsia
393939

Achromatomaly
373C30

CSS Examples

Text

The CSS property to change the color of the text to Hex 334120 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 #334120 looks like.

```
.text, #text, p{  
    color:#334120  
}
```

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 #334120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334120
}
```

Border

The CSS property to change the border of an element to Hex 334120 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".

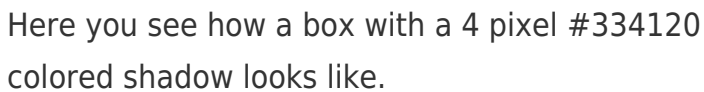
```
.border, #border, table{ border:4px solid
#334120 }
```

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

```
.border{ border-color:#334120 }
```

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

Here you see how a box with a 4 pixel #334120 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334120; -webkit-box-shadow:4px 4px  
4px 4px #334120; box-shadow:4px 4px 4px  
4px #334120 }
```

Background

The CSS property to change the background color of an element to Hex 334120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334120 }
```

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

```
.background{ background-color:#334120 }
```

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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