

Converting Colors

Hex(334A20)

Have a look what the booklet for
Hex(334A20) contains.

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Color

Hex(334A20)

Conversions

Conversions Part 1

Format	Color
Hex	334A20
RGB	51, 74, 32
RGB Percent	20%, 29%, 13%
CMY	0.8000, 0.7098, 0.8745
CMYK	0.31, 0.00, 0.57, 0.71
HSL	93°, 40%, 21%
HSV	93°, 57%, 29%
XYZ	4.0747, 5.7057, 2.2530
YIQ	62.3350, -0.2260, -17.9380

Conversions

Conversions Part 2

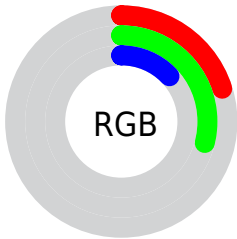
Format	Color
R_{YB}	32, 74, 55
Decimal	3361312
CIE Lab	28.66, -17.49, 22.09
CIE LCh	29, 28.177, 128.381
Yxy	5.7057, 0.3386, 0.4742
Android (android.graphics.Color)	4281551392 (0xFF334A20)
YUV	62.3350, -14.9552, -9.9408
Hunter-Lab	23.8865, -11.3516, 11.1282

Details

The Hex color **334A20** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **37204A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **637B4D**, and **031E00** is the 20% darker color. If you saturate the color by 10%, you get **2F4A19**, and if you desaturate by 10%, it is **374A27**.

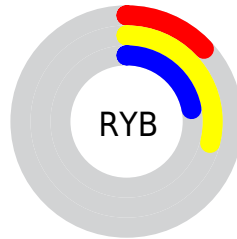
Distribution



Red (20%)

Green (29%)

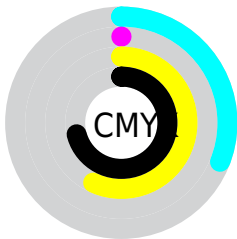
Blue (13%)



Red (13%)

Yellow (29%)

Blue (22%)

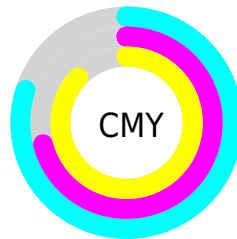


Cyan (31%)

Magenta (0%)

Yellow (57%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334A20 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 334A20 by changing the saturation by 10% instead.



334A20



334A20

FFFFFF



1D330A



637B4D



031E00



7C9566



000000



96AF7F



B1CB99



CDE7B4



E9FFD0



FFFFEC



334A20



334A20

■ 2F4A19

■ 374A27

■ 2B4A11

■ 3B4A2F

■ 274A0A

■ 3F4A36

■ 234A02

■ 434A3E

■ 214A00

■ 474A45

■ 4B4A4C

■ 4F4A54

■ 534A5B

■ 574A63

Harmonies

Analogous

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



4A4416



334A20



114D33

Triad

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



334A20



004A6C



6C313E

Complementary

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



334A20



37204A

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.



633454



334A20



28446F

Square

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



334A20



004E5E



4D3B66



69352A

Rectangle

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



334A20



004E42



4D3B66



6A3146

Sweetspot

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



334A20



586150



4A3620



2B3027



B0B0B0



303030

Same Dimension

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



334A20



3D611F



204A21



242622



2E6600



68E600

Inverse Universe

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



37204A



431F61



4A2049



252226



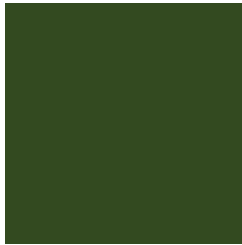
380066



7E00E6

Previews

White Background



This preview shows how the Hex color 334A20 looks on a white background.

Color Contrast Check

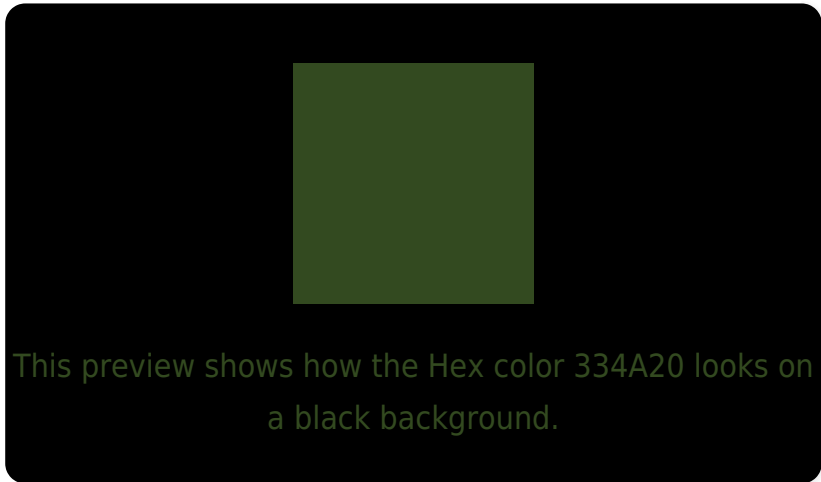
Large Text (above 18pt) WCAG AA ✓ Pass

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

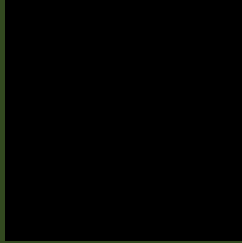
Any Text WCAG AA × Fail

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 334A20 Background



This preview shows how black text looks on a background with the Hex color 334A20.



This preview shows how white text looks on a background with the Hex color 334A20.

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
334A20

Protanopia
4B441E

Deuteranopia
534023



Tritanopia
39464B

Trichromacy



Original Color
334A20

Protanomaly
42461F

Deuteranomaly
474422

Tritanomaly
37473B

Monochromacy



Original Color
334A20

Achromatopsia
3E3E3E

Achromatomaly
3A4233

CSS Examples

Text

The CSS property to change the color of the text to Hex 334A20 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 #334A20 looks like.

```
.text, #text, p{  
    color:#334A20  
}
```

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 #334A20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334A20
}
```

Border

The CSS property to change the border of an element to Hex 334A20 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
#334A20 }
```

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

```
.border{ border-color:#334A20 }
```

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

Here you see how a box with a 4 pixel #334A20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334A20; -webkit-box-shadow:4px 4px  
4px 4px #334A20; box-shadow:4px 4px 4px  
4px #334A20 }
```

Background

The CSS property to change the background color of an element to Hex 334A20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334A20 }
```

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

```
.background{ background-color:#334A20 }
```

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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