

Converting Colors

Hex(3A3B20)

Have a look what the booklet for
Hex(3A3B20) contains.

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Color

Hex(3A3B20)

Conversions

Conversions Part 1

Format	Color
Hex	3A3B20
RGB	58, 59, 32
RGB Percent	23%, 23%, 13%
CMY	0.7725, 0.7686, 0.8745
CMYK	0.02, 0.00, 0.46, 0.77
HSL	62°, 30%, 18%
HSV	62°, 46%, 23%
XYZ	3.5696, 4.1318, 1.9759
YIQ	55.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

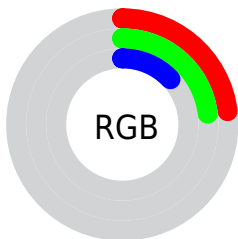
Format	Color
R_{YB}	32, 59, 33
Decimal	3816224
CIE _{Lab}	24.10, -5.41, 16.59
CIE _{LCh}	24, 17.446, 108.076
Yxy	4.1318, 0.3689, 0.4270
Android (android.graphics.Color)	4282006304 (0xFF3A3B20)
YUV	55.6230, -11.6461, 2.0846
Hunter-Lab	20.3267, -4.2252, 8.4654

Details

The Hex color **3A3B20** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **21203B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6A6A4D**, and **091100** is the 20% darker color. If you saturate the color by 10%, you get **3A3B1A**, and if you desaturate by 10%, it is **3A3B26**.

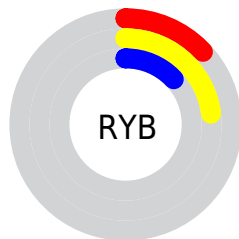
Distribution



Red (23%)

Green (23%)

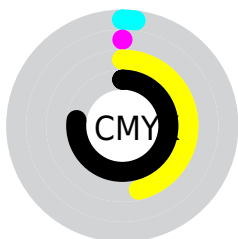
Blue (13%)



Red (13%)

Yellow (23%)

Blue (13%)

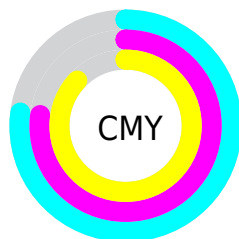


Cyan (2%)

Magenta (0%)

Yellow (46%)

Black (77%)



Cyan (77%)

Magenta (77%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3B20 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 3A3B20 by changing the saturation by 10% instead.



3A3B20



3A3B20

FFFFFF



24250A



6A6A4D



091100



838365



000000



9D9D7E



B8B898



D4D4B2



F1F0CE



FFFEEA



3A3B20



3A3B20

■ 3A3B1A

■ 3A3B26

■ 3A3B14

■ 3A3B2C

■ 393B0E

■ 3B3B32

■ 393B08

■ 3B3B38

■ 393B02

■ 3B3B3D

■ 393B00

■ 3B3B43

■ 3C3B49

■ 3C3B4F

■ 3C3B55

Harmonies

Analogous

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



473720



3A3B20



2B3E27

Triad

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



3A3B20



073F4C



4F303F

Complementary

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



3A3B20



21203B

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.



45334B



3A3B20



1D3C53

Square

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



3A3B20



084041



333852



532F32

Rectangle

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



3A3B20



20402F



333852



4D3143

Sweetspot

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



3A3B20



4C4D42



3B2120



262620



A6A6A6



262626

Same Dimension

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



3A3B20



4B4D22



2D3B20



1E1F1C



5B5E00



D6DE00

Inverse Universe

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



21203B



24224D



2E203B



1C1C1F



03005E



0800DE

Previews

White Background



This preview shows how the Hex color 3A3B20 looks on a white background.

Color Contrast Check

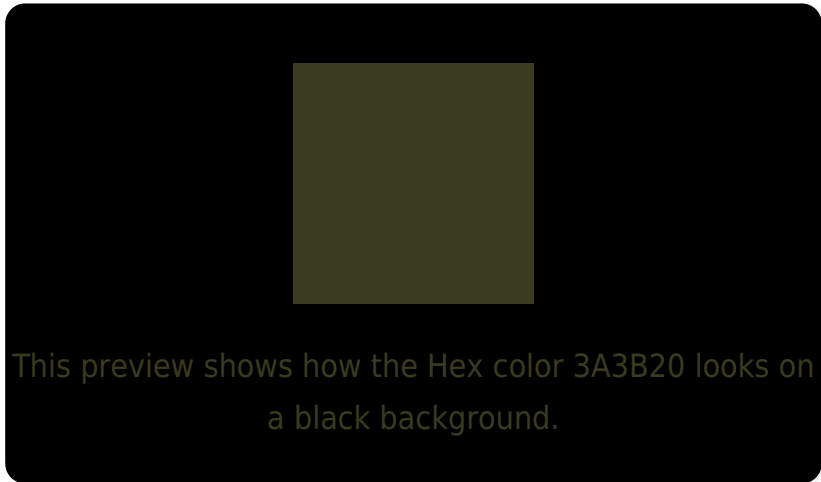
Large Text (above 18pt) WCAG AA ✓ Pass

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

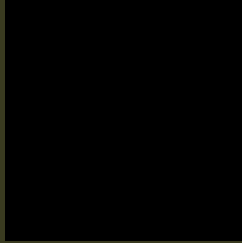
Any Text WCAG AA × Fail

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 3A3B20 Background



This preview shows how black text looks on a background with the Hex color 3A3B20.

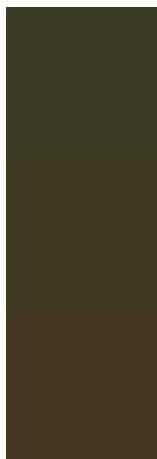


This preview shows how white text looks on a background with the Hex color 3A3B20.

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


3A3B20

Protanopia

3F391F

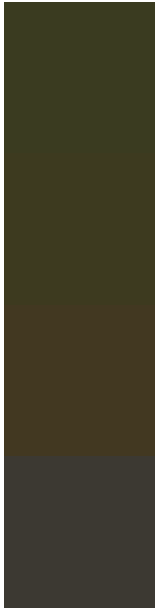
Deuteranopia

463721



Tritanopia
3D383C

Trichromacy



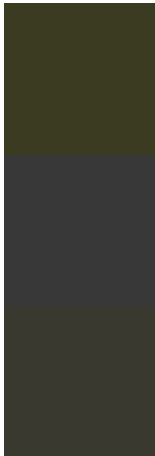
Original Color
3A3B20

Protanomaly
3D3A1F

Deuteranomaly
423821

Tritanomaly
3C3932

Monochromacy



Original Color
3A3B20

Achromatopsia
383838

Achromatomaly
39392F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3B20 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 #3A3B20 looks like.

```
.text, #text, p{  
    color:#3A3B20  
}
```

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 #3A3B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3B20
}
```

Border

The CSS property to change the border of an element to Hex 3A3B20 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".

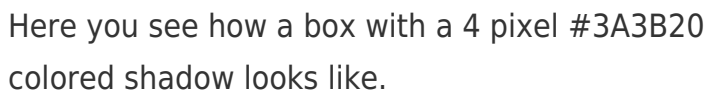
```
.border, #border, table{ border:4px solid
#3A3B20 }
```

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

```
.border{ border-color:#3A3B20 }
```

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

Here you see how a box with a 4 pixel #3A3B20 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3B20; -webkit-box-shadow:4px 4px  
4px 4px #3A3B20; box-shadow:4px 4px 4px  
4px #3A3B20 }
```

Background

The CSS property to change the background color of an element to Hex 3A3B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3B20 }
```

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

```
.background{ background-color:#3A3B20 }
```

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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