

Converting Colors

Hex(332410)

Have a look what the booklet for
Hex(332410) contains.

Hex(332410)	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(332410)

Conversions

Conversions Part 1

Format	Color
Hex	332410
RGB	51, 36, 16
RGB Percent	20%, 14%, 6%
CMY	0.8000, 0.8588, 0.9373
CMYK	0.00, 0.29, 0.69, 0.80
HSL	34°, 52%, 13%
HSV	34°, 69%, 20%
XYZ	2.0896, 2.0030, 0.7667
YIQ	38.2050, 15.3600, -3.0400

Conversions

Conversions Part 2

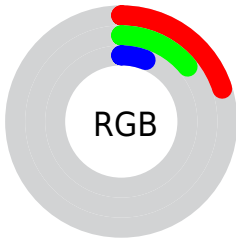
Format	Color
RYB	42, 51, 16
Decimal	3351568
CIELab	15.50, 4.28, 15.76
CIELCh	16, 16.334, 74.799
Yxy	2.0030, 0.4300, 0.4122
Android (android.graphics.Color)	4281541648 (0xFF332410)
YUV	38.2050, -10.9471, 11.2212
Hunter-Lab	14.1526, 1.5885, 6.6949

Details

The Hex color **332410** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **101F33**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **63503B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **33220B**, and if you desaturate by 10%, it is **332615**.

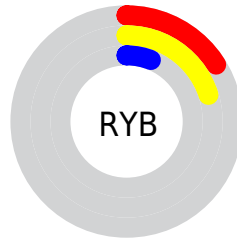
Distribution



 Red (20%)

 Green (14%)

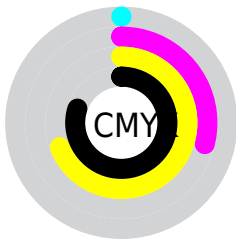
 Blue (6%)



 Red (16%)

 Yellow (20%)

 Blue (6%)

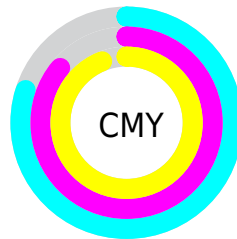



 Cyan (0%)

 Magenta (29%)

 Yellow (69%)

 Black (80%)



 Cyan (80%)

 Magenta (86%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332410 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 332410 by changing the saturation by 10% instead.

■ 332410

■ 332410

■ FFFFF0

■ 1E0F00

■ 63503B

■ 000000

■ 7C6852

■ 97826A

■ B29C83

■ CDB69D

■ EAD2B8

■ FFEED4

■ 332410

■ 332410

■ 33220B

■ 332615

■ 332006

■ 33281A

■ 331D01

■ 332B1F

■ 331D00

■ 332D24

■ 332F2A

■ 33312F

■ 333334

■ 333539

■ 33383E

Harmonies

Analogous

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



3A2017



332410



28280F

Triad

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



332410



002D2C



2F2237

Complementary

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



332410



101F33

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.



1F263D



332410



002C37

Square

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



332410



0B2C20



062A3D



391E2D

Rectangle

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



332410



202A13



062A3D



2A233A

Sweetspot

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



332410



423C34



33101F



211E19



A1A1A1



212121

Same Dimension

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



332410



422B0C



313310



1A1817



593300



D97C00

Inverse Universe

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



101F33



0C2342



121033



17181A



002659



005DD9

Previews

White Background



This preview shows how the Hex color 332410 looks on a white background.

Color Contrast Check

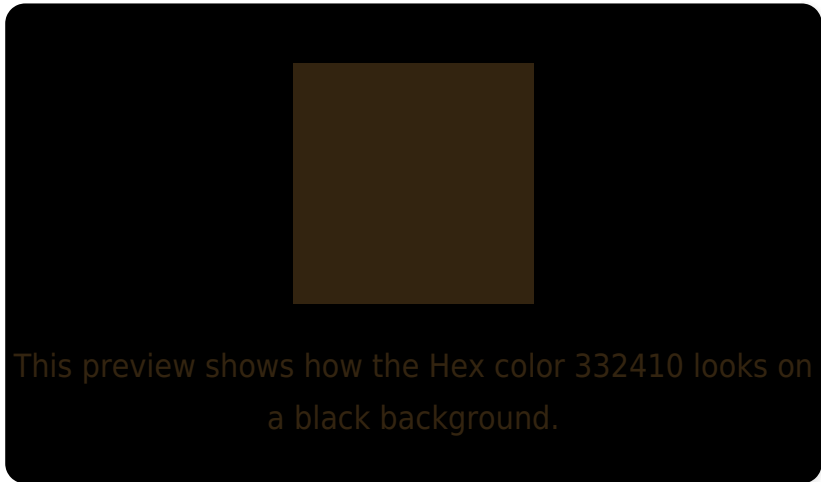
Large Text (above 18pt) WCAG AA ✓ Pass

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

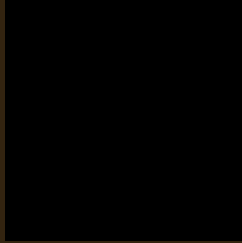
Any Text WCAG AA × Fail

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 332410 Background



This preview shows how black text looks on a background with the Hex color 332410.

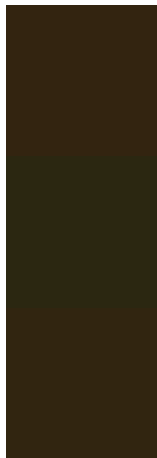


This preview shows how white text looks on a background with the Hex color 332410.

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

332410

Protanopia

2B2711

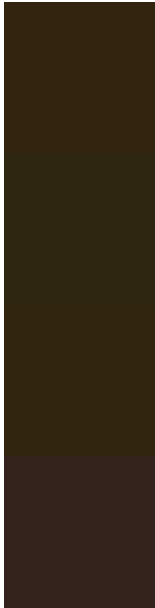
Deuteranopia

312510



Tritanopia
342224

Trichromacy



Original Color
332410

Protanomaly
2E2611

Deuteranomaly
322510

Tritanomaly
34231D

Monochromacy



Original Color
332410

Achromatopsia
262626

Achromatomaly
2B251E

CSS Examples

Text

The CSS property to change the color of the text to Hex 332410 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 #332410 looks like.

```
.text, #text, p{  
    color:#332410  
}
```

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 #332410 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332410
}
```

Border

The CSS property to change the border of an element to Hex 332410 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
#332410 }
```

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

```
.border{ border-color:#332410 }
```

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

Here you see how a box with a 4 pixel #332410 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332410; -webkit-box-shadow:4px 4px  
4px 4px #332410; box-shadow:4px 4px 4px  
4px #332410 }
```

Background

The CSS property to change the background color of an element to Hex 332410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332410 }
```

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

```
.background{ background-color:#332410 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor