

Converting Colors

Hex(32170F)

Have a look what the booklet for
Hex(32170F) contains.

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Color

Hex(32170F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 32170F |
| RGB | 50, 23, 15 |
| RGB Percent | 20%, 9%, 6% |
| CMY | 0.8039, 0.9098, 0.9412 |
| CMYK | 0.00, 0.54, 0.70, 0.80 |
| HSL | 14°, 54%, 13% |
| HSV | 14°, 70%, 20% |
| XYZ | 1.7080, 1.3254, 0.6177 |
| YIQ | 30.1610, 18.6600, 3.2360 |

Conversions

Conversions Part 2

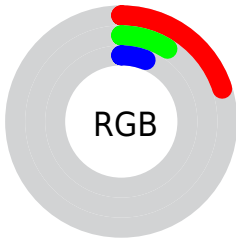
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 50, 25, 15 |
| Decimal | 3282703 |
| CIE _{Lab} | 11.45, 12.64, 10.91 |
| CIE _{LCh} | 11, 16.695, 40.801 |
| Yxy | 1.3254, 0.4678, 0.3630 |
| Android (android.graphics.Color) | 4281472783 (0xFF32170F) |
| YUV | 30.1610, -7.4744, 17.3988 |
| Hunter-Lab | 11.5126, 6.3354, 4.8774 |

Details

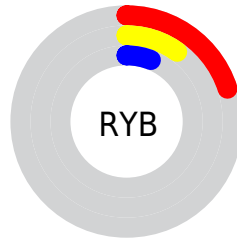
The Hex color **32170F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F2A32**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **62423A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **32130A**, and if you desaturate by 10%, it is **321B14**.

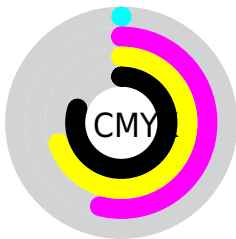
Distribution



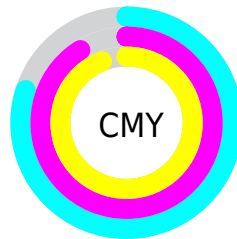
- Red (20%)
- Green (9%)
- Blue (6%)



- Red (20%)
- Yellow (10%)
- Blue (6%)



- Cyan (0%)
- Magenta (54%)
- Yellow (70%)
- Black (80%)



- Cyan (80%)
- Magenta (91%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32170F 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 32170F by changing the saturation by 10% instead.

 32170F

 32170F

 FFFAEF

 1D0000

 62423A

 000000

 7C5A50

 967269

 B18C82

 CDA69C

 EAC2B7

 FFDED2

 32170F

 32170F

■ 32130A

■ 321B14

■ 320F05

■ 321F19

■ 320B00

■ 32231E

■ 322623

■ 322A28

■ 322E2D

■ 323232

■ 323637

■ 323A3C

Harmonies

Analogous

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



34151B



32170F



2C1B03

Triad

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



32170F



042416



121E35

Complementary

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



32170F



0F2A32

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.



002234



32170F



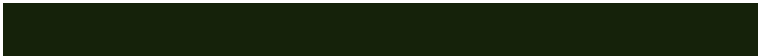
002422

Square

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



32170F



15220A



00242D



251A30

Rectangle

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



32170F



261E01



00242D



091F35

Sweetspot

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



32170F



403532



320F2A



211B19



A1A1A1



212121

Same Dimension

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



32170F



40160A



32280F



1A1817



591400



D93200

Inverse Universe

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



0F2A32



0A3440



0F1932



17191A



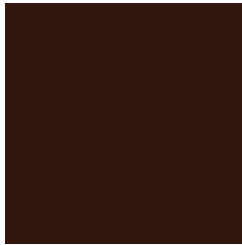
004559



00A7D9

Previews

White Background



This preview shows how the Hex color 32170F looks on a white background.

Color Contrast Check

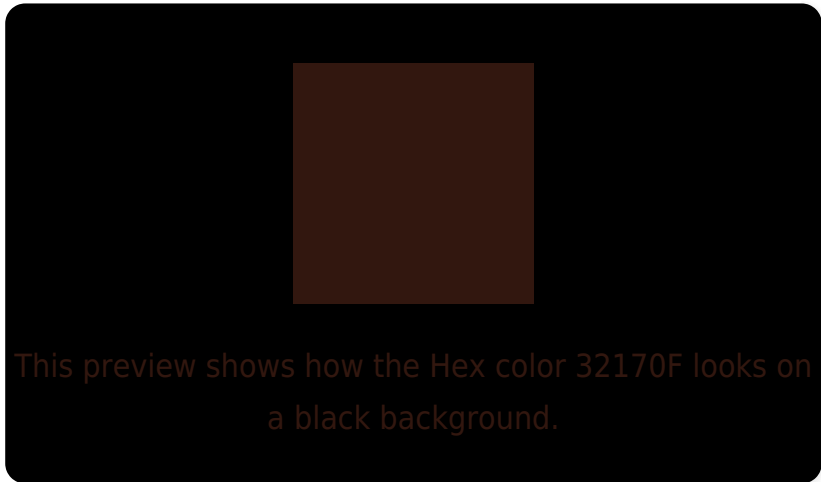
Large Text (above 18pt) WCAG AA ✓ Pass

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

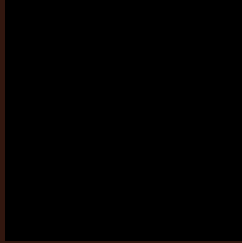
Any Text WCAG AA × Fail

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 32170F Background



This preview shows how black text looks on a background with the Hex color 32170F.

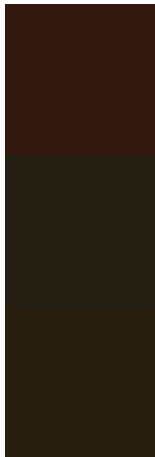


This preview shows how white text looks on a background with the Hex color 32170F.

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
32170F

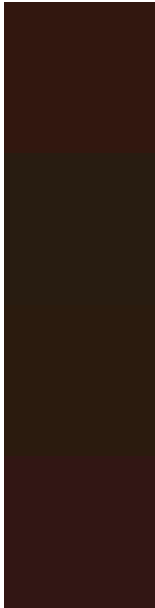
Protanopia
221F12

Deuteranopia
271E0E



Tritanopia
321617

Trichromacy



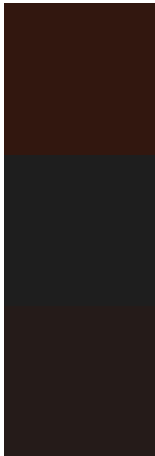
Original Color
32170F

Protanomaly
281C11

Deuteranomaly
2B1B0E

Tritanomaly
321614

Monochromacy



Original Color
32170F

Achromatopsia
1E1E1E

Achromatomaly
251B19

CSS Examples

Text

The CSS property to change the color of the text to Hex 32170F 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 #32170F looks like.

```
.text, #text, p{  
    color:#32170F  
}
```

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 #32170F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32170F
}
```

Border

The CSS property to change the border of an element to Hex 32170F is called "border". The border property can be set on classes, ids or directly on the HTML element.

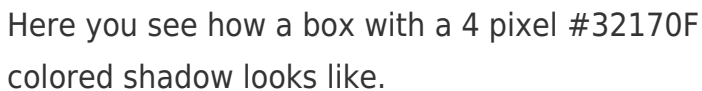
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#32170F }
```

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

```
.border{ border-color:#32170F }
```

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



Here you see how a box with a 4 pixel #32170F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32170F; -webkit-box-shadow:4px 4px  
4px 4px #32170F; box-shadow:4px 4px 4px  
4px #32170F }
```

Background

The CSS property to change the background color of an element to Hex 32170F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32170F }
```

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

```
.background{ background-color:#32170F }
```

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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