

Converting Colors

Hex(30220F)

Have a look what the booklet for
Hex(30220F) contains.

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Color

Hex(30220F)

Conversions

Conversions Part 1

Format	Color
Hex	30220F
RGB	48, 34, 15
RGB Percent	19%, 13%, 6%
CMY	0.8118, 0.8667, 0.9412
CMYK	0.00, 0.29, 0.69, 0.81
HSL	35°, 52%, 12%
HSV	35°, 69%, 19%
XYZ	1.8772, 1.8069, 0.7018
YIQ	36.0200, 14.4430, -2.9410

Conversions

Conversions Part 2

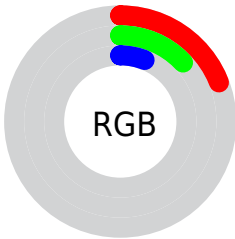
Format	Color
RYB	39, 48, 15
Decimal	3154447
CIELab	14.44, 3.95, 14.86
CIELCh	14, 15.374, 75.119
Yxy	1.8069, 0.4280, 0.4120
Android (android.graphics.Color)	4281344527 (0xFF30220F)
YUV	36.0200, -10.3629, 10.5065
Hunter-Lab	13.4422, 1.4034, 6.3142

Details

The Hex color **30220F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0F1D30**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5F4E3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **30200A**, and if you desaturate by 10%, it is **302414**.

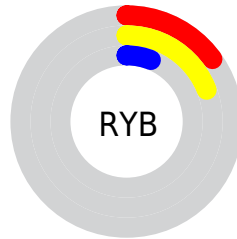
Distribution



Red (19%)

Green (13%)

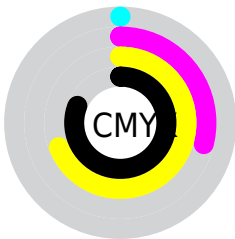
Blue (6%)



Red (15%)

Yellow (19%)

Blue (6%)

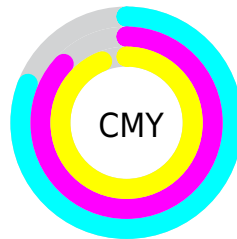


Cyan (0%)

Magenta (29%)

Yellow (69%)

Black (81%)



Cyan (81%)

Magenta (87%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30220F 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 30220F by changing the saturation by 10% instead.

 30220F

 30220F

 FFFFEF

 1B0C00

 5F4E3A

 000000

 796651

 937F69

 AE9982

 C9B49C

 E6CFB7

 FFEBD3

 30220F

 30220F

■ 30200A

■ 302414

■ 301E05

■ 302619

■ 301C01

■ 30281D

■ 301C00

■ 302A22

■ 302C27

■ 302E2C

■ 303031

■ 303235

■ 30343A

Harmonies

Analogous

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



371E16



30220F



26260F

Triad

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



30220F



002A2A



2C2034

Complementary

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



30220F



0F1D30

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.



1D2439



30220F



002933

Square

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



30220F



0B2A1F



082739



361D2A

Rectangle

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



30220F



1E2812



082739



282136

Sweetspot

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



30220F



3D3830



300F1D



1F1B17



9E9E9E



1F1F1F

Same Dimension

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



30220F



3D280A



2E300F



171615



573200



D67B00

Inverse Universe

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



0F1D30



0A203D



110F30



151617



002557



005BD6

Previews

White Background



This preview shows how the Hex color 30220F looks on a white background.

Color Contrast Check

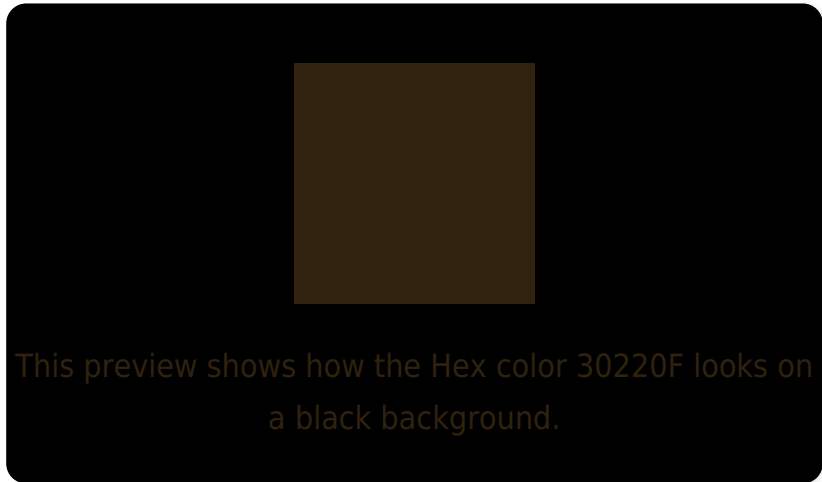
Large Text (above 18pt) WCAG AA ✓ Pass

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

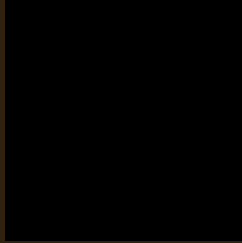
Any Text WCAG AA × Fail

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 30220F Background



This preview shows how black text looks on a background with the Hex color 30220F.

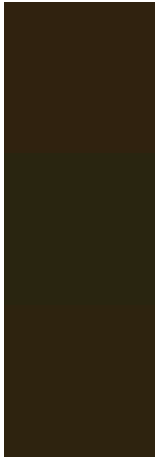


This preview shows how white text looks on a background with the Hex color 30220F.

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

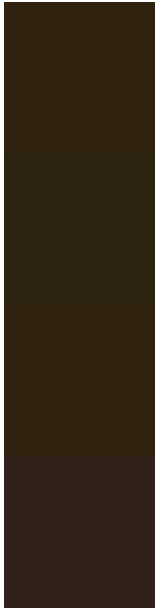


Original Color
30220F

Protanopia
292510

Deuteranopia
2E230F

Trichromacy



Original Color
30220F

Protanomaly
2C2410

Deuteranomaly
2F230F

Tritanomaly
31211B

Monochromacy



Original Color
30220F

Achromatopsia
242424

Achromatomaly
28231C

CSS Examples

Text

The CSS property to change the color of the text to Hex 30220F 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 #30220F looks like.

```
.text, #text, p{  
    color:#30220F  
}
```

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 #30220F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30220F
}
```

Border

The CSS property to change the border of an element to Hex 30220F is called "border". The border property can be set on classes, ids or directly on the HTML element.

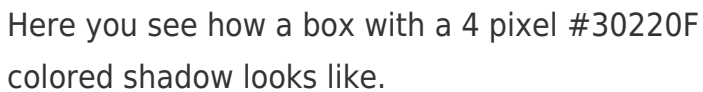
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30220F }
```

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

```
.border{ border-color:#30220F }
```

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



Here you see how a box with a 4 pixel #30220F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30220F; -webkit-box-shadow:4px 4px  
4px 4px #30220F; box-shadow:4px 4px 4px  
4px #30220F }
```

Background

The CSS property to change the background color of an element to Hex 30220F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30220F }
```

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

```
.background{ background-color:#30220F }
```

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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