

Converting Colors

Hex(30202D)

Have a look what the booklet for
Hex(30202D) contains.

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Color

Hex(30202D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 30202D |
| RGB | 48, 32, 45 |
| RGB Percent | 19%, 13%, 18% |
| CMY | 0.8118, 0.8745, 0.8235 |
| CMYK | 0.00, 0.33, 0.06, 0.81 |
| HSL | 311°, 20%, 16% |
| HSV | 311°, 33%, 19% |
| XYZ | 2.2091, 1.8509, 2.7234 |
| YIQ | 38.2660, 5.3630, 7.4350 |

Conversions

Conversions Part 2

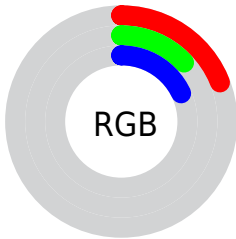
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 48, 32, 45 |
| Decimal | 3153965 |
| CIELab | 14.68, 10.43, -5.59 |
| CIELCh | 15, 11.832, 331.828 |
| Yxy | 1.8509, 0.3257, 0.2729 |
| Android (android.graphics.Color) | 4281344045 (0xFF30202D) |
| YUV | 38.2660, 3.3199, 8.5367 |
| Hunter-Lab | 13.6046, 5.1763, -2.3457 |

Details

The Hex color **30202D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **203023**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5E4C5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301B2C**, and if you desaturate by 10%, it is **30252E**.

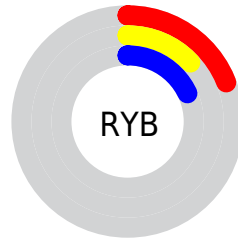
Distribution



Red (19%)

Green (13%)

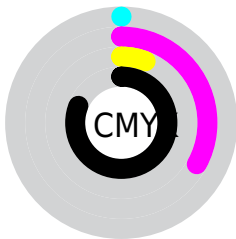
Blue (18%)



Red (19%)

Yellow (13%)

Blue (18%)

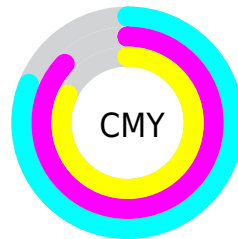


Cyan (0%)

Magenta (33%)

Yellow (6%)

Black (81%)



Cyan (81%)

Magenta (87%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30202D 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 30202D by changing the saturation by 10% instead.

■ 30202D

■ 30202D

FFFFFF

■ 1C0919

■ 5E4C5B

■ 000000

■ 776473

■ 917D8D

■ AB97A7

■ C7B2C2

■ E3CDDE

■ FFE9FB

■ 30202D

■ 30202D

■ 301B2C

■ 30252E

■ 30162B

■ 302A2F

■ 30122A

■ 302E30

■ 300D29

■ 303331

■ 300829

■ 303832

■ 300328

■ 303D32

■ 300027

■ 304233

■ 304634

■ 304B35

Harmonies

Analogous

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



272333



30202D



351F25

Triad

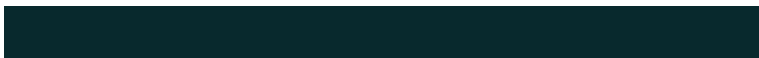
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30202D



2A2514



08292D

Complementary

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



30202D



203023

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.



0E2A25



30202D



212717

Square

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



30202D



312217



18291D



0E2833

Rectangle

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



30202D



351F1F



18291D



09292B

Sweetspot

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



30202D



3D373C



232030



1F1B1E



9E9E9E



1F1F1F

Same Dimension

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



30202D



3D2539



302025



171517



570046



D600AE

Inverse Universe

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



30202D



3D2539



20302B



171517



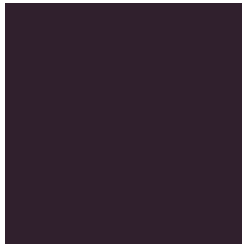
570046



D600AE

Previews

White Background



This preview shows how the Hex color 30202D looks on a white background.

Color Contrast Check

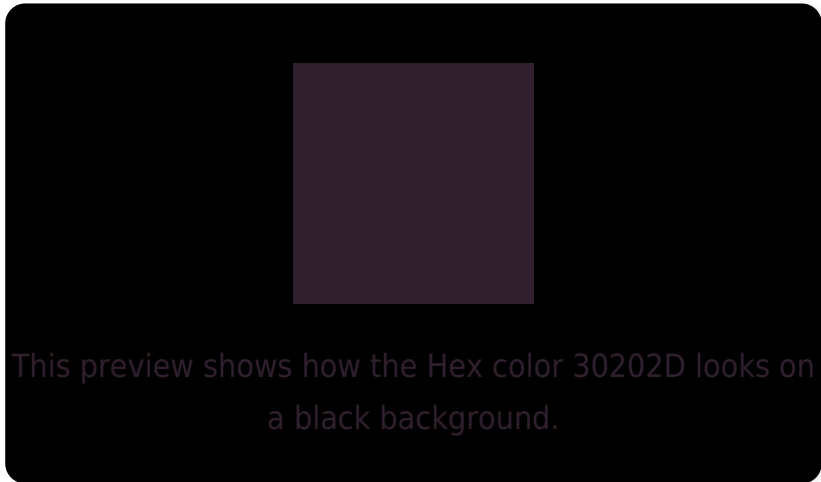
Large Text (above 18pt) WCAG AA ✓ Pass

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

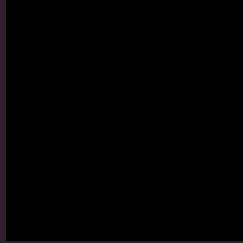
Any Text WCAG AA × Fail

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 30202D Background



This preview shows how black text looks on a background with the Hex color 30202D.



This preview shows how white text looks on a background with the Hex color 30202D.

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
30202D

Protanopia
222530

Deuteranopia
26242C

Trichromacy



Original Color
30202D

Protanomaly
27232F

Deuteranomaly
2A232C

Tritanomaly
2F2127

Monochromacy



Original Color
30202D

Achromatopsia
262626

Achromatomaly
2A2429

CSS Examples

Text

The CSS property to change the color of the text to Hex 30202D 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 #30202D looks like.

```
.text, #text, p{  
    color:#30202D  
}
```

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 #30202D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30202D
}
```

Border

The CSS property to change the border of an element to Hex 30202D is called "border". The border property can be set on classes, ids or directly on the HTML element.

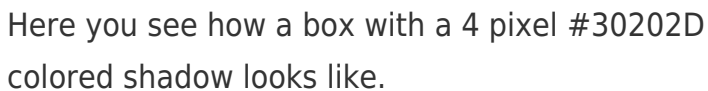
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30202D }
```

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

```
.border{ border-color:#30202D }
```

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



Here you see how a box with a 4 pixel `#30202D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30202D; -webkit-box-shadow:4px 4px  
4px 4px #30202D; box-shadow:4px 4px 4px  
4px #30202D }
```

Background

The CSS property to change the background color of an element to Hex 30202D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30202D }
```

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

```
.background{ background-color:#30202D }
```

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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