

Converting Colors

Hex(31202A)

Have a look what the booklet for
Hex(31202A) contains.

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Color

Hex(31202A)

Conversions

Conversions Part 1

Format	Color
Hex	31202A
RGB	49, 32, 42
RGB Percent	19%, 13%, 16%
CMY	0.8078, 0.8745, 0.8353
CMYK	0.00, 0.35, 0.14, 0.81
HSL	325°, 21%, 16%
HSV	325°, 35%, 19%
XYZ	2.2011, 1.8532, 2.4322
YIQ	38.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

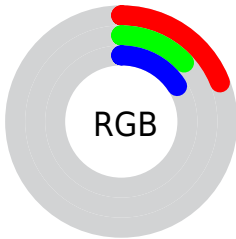
Format	Color
R_{YB}	49, 32, 42
Decimal	3219498
CIE Lab	14.70, 10.20, -3.40
CIE LCh	15, 10.754, 341.569
Yxy	1.8532, 0.3393, 0.2857
Android (android.graphics.Color)	4281409578 (0xFF31202A)
YUV	38.2230, 1.8621, 9.4514
Hunter-Lab	13.6131, 5.0382, -1.0639

Details

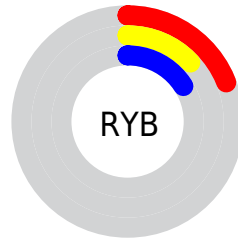
The Hex color **31202A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **203127**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **604C57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **311B28**, and if you desaturate by 10%, it is **31252C**.

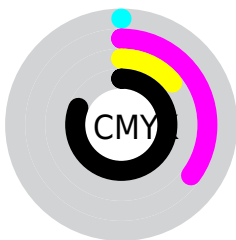
Distribution



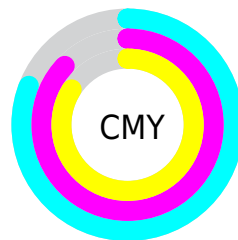
- Red (19%)
- Green (13%)
- Blue (16%)



- Red (19%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (35%)
- Yellow (14%)
- Black (81%)



- Cyan (81%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31202A 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 31202A by changing the saturation by 10% instead.

■ 31202A

■ 31202A

FFFFFF

■ 1D0A16

■ 604C57

■ 000000

■ 786470

■ 927D89

■ AD97A3

■ C8B2BE

■ E4CDDA

■ FFE9F7

■ 31202A

■ 31202A

■ 311B28

■ 31252C

■ 311626

■ 312A2E

■ 311124

■ 312F30

■ 310C22

■ 313432

■ 310720

■ 313934

■ 31031E

■ 313D36

■ 31001D

■ 314238

■ 31473A

■ 314C3C

Harmonies

Analogous

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



2A2230



31202A



341F22

Triad

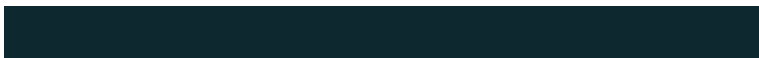
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31202A



272616



0D292F

Complementary

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



31202A



203127

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.



0F2928



31202A



1F281A

Square

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



31202A



2E2317



162920



142733

Rectangle

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



31202A



34201E



162920



0D292D

Sweetspot

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



31202A



40393D



272031



211D20



A1A1A1



212121

Same Dimension

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



31202A



402535



312022



1A1718



590035



D90080

Inverse Universe

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



31202A



402535



20312F



1A1718



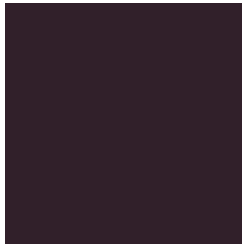
590035



D90080

Previews

White Background



This preview shows how the Hex color 31202A looks on a white background.

Color Contrast Check

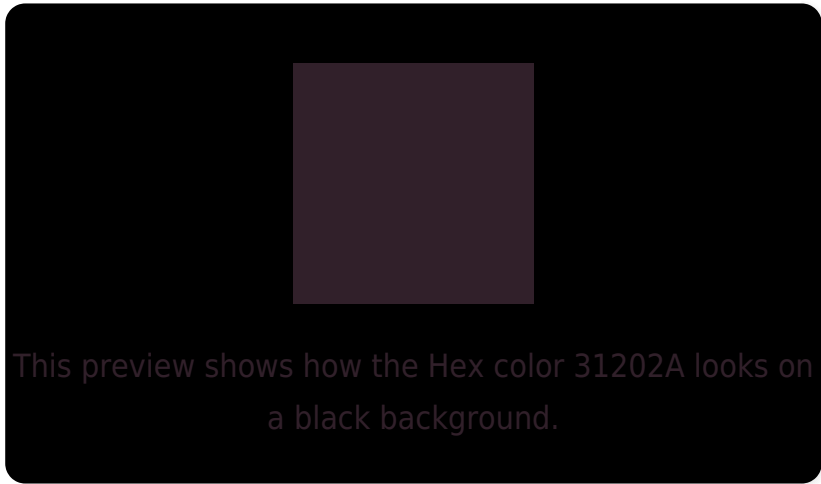
Large Text (above 18pt) WCAG AA ✓ Pass

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

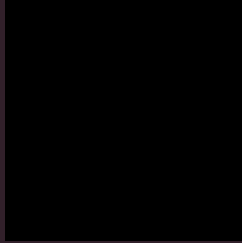
Any Text WCAG AA × Fail

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 31202A Background



This preview shows how black text looks on a background with the Hex color 31202A.

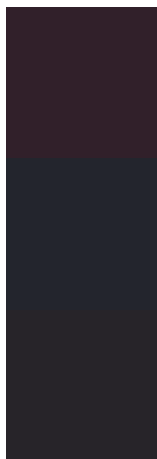


This preview shows how white text looks on a background with the Hex color 31202A.

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
31202A

Protanopia
23252D

Deuteranopia
272429



Tritanopia
302124

Trichromacy



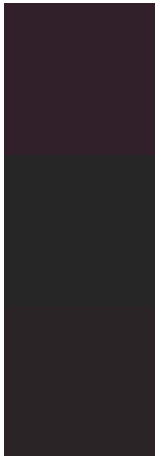
Original Color
31202A

Protanomaly
28232C

Deuteranomaly
2B2329

Tritanomaly
302126

Monochromacy



Original Color
31202A

Achromatopsia
262626

Achromatomaly
2A2427

CSS Examples

Text

The CSS property to change the color of the text to Hex 31202A 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 #31202A looks like.

```
.text, #text, p{  
    color:#31202A  
}
```

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 #31202A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31202A
}
```

Border

The CSS property to change the border of an element to Hex 31202A 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
#31202A }
```

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

```
.border{ border-color:#31202A }
```

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

Here you see how a box with a 4 pixel #31202A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31202A; -webkit-box-shadow:4px 4px  
4px 4px #31202A; box-shadow:4px 4px 4px  
4px #31202A }
```

Background

The CSS property to change the background color of an element to Hex 31202A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31202A }
```

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

```
.background{ background-color:#31202A }
```

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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