

Converting Colors

Hex(202D06)

Have a look what the booklet for
Hex(202D06) contains.

Hex(202D06)	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(202D06)

Conversions

Conversions Part 1

Format	Color
Hex	202D06
RGB	32, 45, 6
RGB Percent	13%, 18%, 2%
CMY	0.8745, 0.8235, 0.9765
CMYK	0.29, 0.00, 0.87, 0.82
HSL	80°, 76%, 10%
HSV	80°, 87%, 18%
XYZ	1.5669, 2.1970, 0.5138
YIQ	36.6670, 4.7710, -14.8850

Conversions

Conversions Part 2

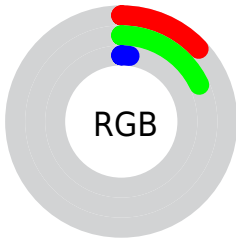
Format	Color
RYB	6, 45, 19
Decimal	2108678
CIELab	16.49, -12.78, 21.08
CIELCh	16, 24.654, 121.234
Yxy	2.1970, 0.3663, 0.5136
Android (android.graphics.Color)	4280298758 (0xFF202D06)
YUV	36.6670, -15.1188, -4.0930
Hunter-Lab	14.8223, -7.0690, 8.3205

Details

The Hex color **202D06** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13062D**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4D5B33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E2D01**, and if you desaturate by 10%, it is **212D0A**.

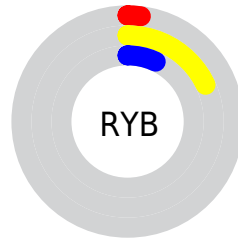
Distribution



Red (13%)

Green (18%)

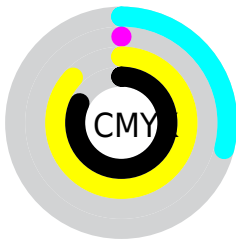
Blue (2%)



Red (2%)

Yellow (18%)

Blue (7%)

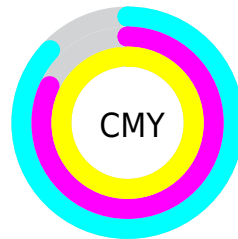


Cyan (29%)

Magenta (0%)

Yellow (87%)

Black (82%)



Cyan (87%)

Magenta (82%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202D06 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 202D06 by changing the saturation by 10% instead.

 202D06

 202D06

 FFFFE8

 031900

 4D5B33

 000000

 66734A

 7F8D62

 99A77B

 B4C295

 D0DEB0

 ECFBCC

 202D06

 202D06

■ 1E2D01

■ 212D0A

■ 1E2D00

■ 232D0F

■ 252D13

■ 262D18

■ 282D1D

■ 292D21

■ 2B2D26

■ 2C2D2A

■ 2E2D2F

Harmonies

Analogous

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



322800



202D06



043017

Triad

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



202D06



002F47



481829

Complementary

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



202D06



13062D

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.



3F1C3A



202D06



002B4C

Square

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



202D06



00313B



2A2447



471B18

Rectangle

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



202D06



003123



2A2447



46192F

Sweetspot

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



202D06



363B2B



2D1306



1B1F15



9E9E9E



1F1F1F

Same Dimension

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



202D06



273B00



0C2D06



161715



3A5700



8FD600

Inverse Universe

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



13062D



14003B



27062D



151517



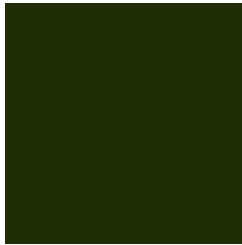
1D0057



4700D6

Previews

White Background



This preview shows how the Hex color 202D06 looks on a white background.

Color Contrast Check

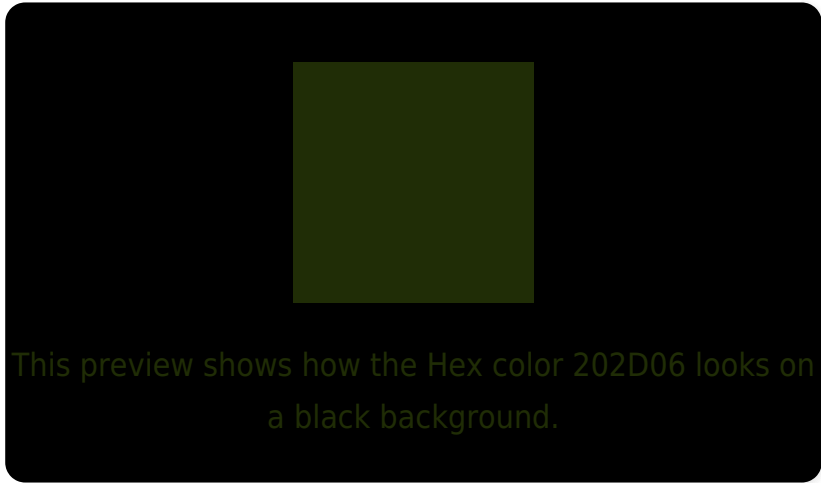
Large Text (above 18pt) WCAG AA ✓ Pass

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

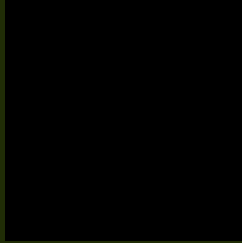
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

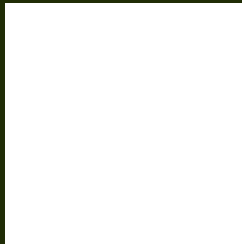
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 202D06 Background



This preview shows how black text looks on a background with the Hex color 202D06.

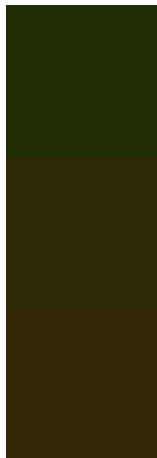


This preview shows how white text looks on a background with the Hex color 202D06.

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
202D06

Protanopia
2E2905

Deuteranopia
33270A

Trichromacy



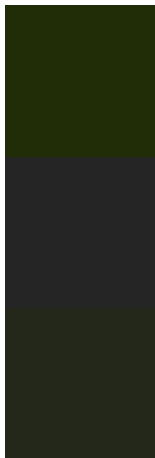
Original Color
202D06

Protanomaly
292A05

Deuteranomaly
2C2909

Tritanomaly
232B1F

Monochromacy



Original Color
202D06

Achromatopsia
252525

Achromatomaly
23281A

CSS Examples

Text

The CSS property to change the color of the text to Hex 202D06 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 #202D06 looks like.

```
.text, #text, p{  
    color:#202D06  
}
```

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 #202D06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202D06
}
```

Border

The CSS property to change the border of an element to Hex 202D06 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".

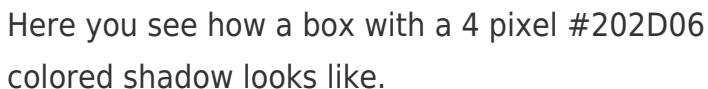
```
.border, #border, table{ border:4px solid
#202D06 }
```

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

```
.border{ border-color:#202D06 }
```

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

Here you see how a box with a 4 pixel #202D06 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202D06; -webkit-box-shadow:4px 4px  
4px 4px #202D06; box-shadow:4px 4px 4px  
4px #202D06 }
```

Background

The CSS property to change the background color of an element to Hex 202D06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202D06 }
```

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

```
.background{ background-color:#202D06 }
```

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