

Converting Colors

Hex(202C25)

Have a look what the booklet for
Hex(202C25) contains.

| | |
|--|----|
| Hex(202C25) | 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(202C25)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 202C25 |
| RGB | 32, 44, 37 |
| RGB Percent | 13%, 17%, 15% |
| CMY | 0.8745, 0.8275, 0.8549 |
| CMYK | 0.27, 0.00, 0.16, 0.83 |
| HSL | 145°, 16%, 15% |
| HSV | 145°, 27%, 17% |
| XYZ | 1.8303, 2.2420, 2.0865 |
| YIQ | 39.6140, -4.9050, -4.7210 |

Conversions

Conversions Part 2

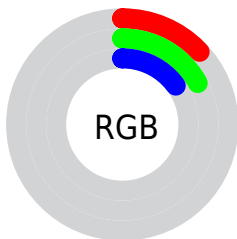
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 32, 40, 44 |
| Decimal | 2108453 |
| CIELab | 16.71, -6.97, 2.87 |
| CIELCh | 17, 7.540, 157.587 |
| Yxy | 2.2420, 0.2972, 0.3640 |
| Android (android.graphics.Color) | 4280298533 (0xFF202C25) |
| YUV | 39.6140, -1.2887, -6.6775 |
| Hunter-Lab | 14.9733, -4.3843, 2.2192 |

Details

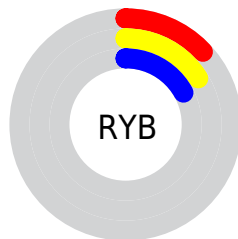
The Hex color **202C25** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C2027**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **4C5A52**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C2C22**, and if you desaturate by 10%, it is **242C28**.

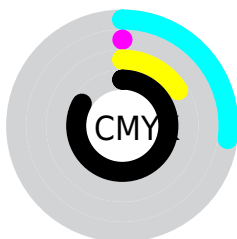
Distribution



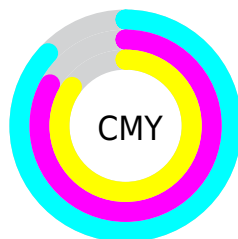
- Red (13%)
- Green (17%)
- Blue (15%)



- Red (13%)
- Yellow (16%)
- Blue (17%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)
- Black (83%)



- Cyan (87%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202C25 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 202C25 by changing the saturation by 10% instead.



202C25



202C25

FFFFFF



0A1810



4C5A52



000000



64726A



7D8C83



97A69D



B2C1B8



CDDDD3



EAF9F0



202C25



202C25

■ 1C2C22

■ 242C28

■ 172C20

■ 292C2A

■ 132C1D

■ 2D2C2D

■ 0E2C1B

■ 322C2F

■ 0A2C18

■ 362C32

■ 062C16

■ 3A2C34

■ 012C13

■ 3F2C37

■ 002C12

■ 432C3A

■ 482C3C

Harmonies

Analogous

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



262B21



202C25



1C2C2A

Triad

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



202C25



252934



342623

Complementary

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



202C25



2C2027

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.



342528



202C25



2C2732

Square

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



202C25



1E2B33



31262D



31281F

Rectangle

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



202C25



1B2C2E



31262D



342625

Sweetspot

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



202C25



343835



272C20



191C1A



9C9C9C



1C1C1C

Same Dimension

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



202C25



26382D



202C2B



151716



005724



00D659

Inverse Universe

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



2C2027



382630



2C2021



171516



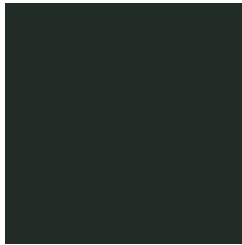
570033



D6007D

Previews

White Background



This preview shows how the Hex color 202C25 looks on a white background.

Color Contrast Check

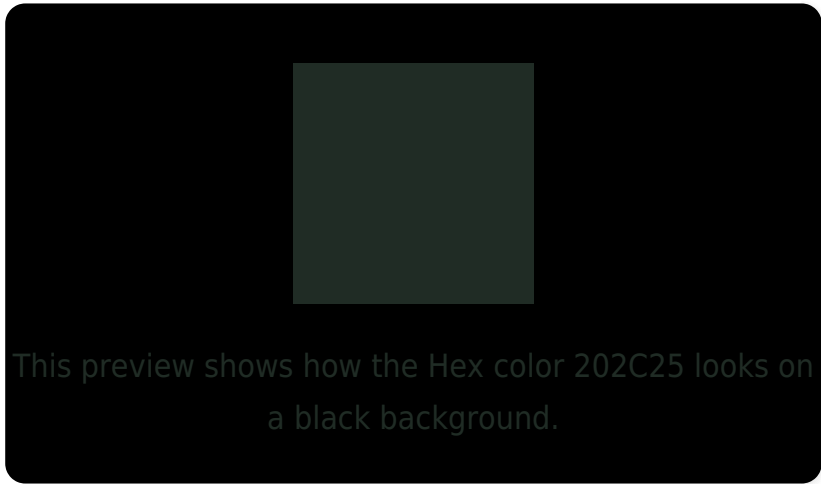
Large Text (above 18pt) WCAG AA ✓ Pass

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

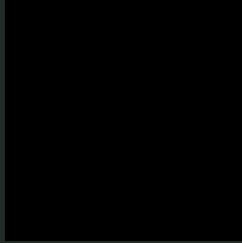
Any Text WCAG AA × Fail

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 202C25 Background



This preview shows how black text looks on a background with the Hex color 202C25.



This preview shows how white text looks on a background with the Hex color 202C25.

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
202C25

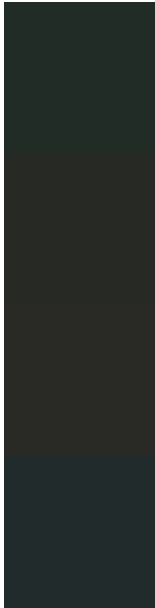
Protanopia
2B2924

Deuteranopia
2E2826



Tritanopia
222B2E

Trichromacy



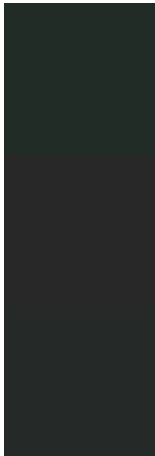
Original Color
202C25

Protanomaly
272A24

Deuteranomaly
292926

Tritanomaly
212B2B

Monochromacy



Original Color
202C25

Achromatopsia
282828

Achromatomaly
252927

CSS Examples

Text

The CSS property to change the color of the text to Hex 202C25 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 #202C25 looks like.

```
.text, #text, p{  
    color:#202C25  
}
```

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 #202C25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202C25
}
```

Border

The CSS property to change the border of an element to Hex 202C25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

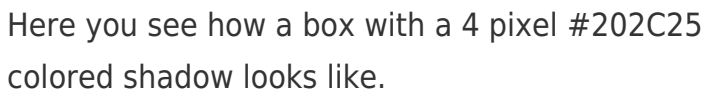
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#202C25 }
```

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

```
.border{ border-color:#202C25 }
```

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



Here you see how a box with a 4 pixel #202C25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202C25; -webkit-box-shadow:4px 4px  
4px 4px #202C25; box-shadow:4px 4px 4px  
4px #202C25 }
```

Background

The CSS property to change the background color of an element to Hex 202C25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202C25 }
```

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

```
.background{ background-color:#202C25 }
```

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