

Converting Colors

Hex(212628)

Have a look what the booklet for
Hex(212628) contains.

Hex(212628)	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(212628)

Conversions

Conversions Part 1

Format	Color
Hex	212628
RGB	33, 38, 40
RGB Percent	13%, 15%, 16%
CMY	0.8706, 0.8510, 0.8431
CMYK	0.18, 0.05, 0.00, 0.84
HSL	197°, 10%, 14%
HSV	197°, 17%, 16%
XYZ	1.7033, 1.8628, 2.2773
YIQ	36.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

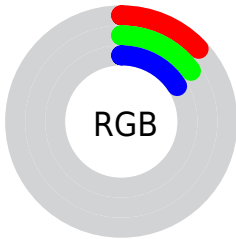
Format	Color
RYB	33, 36, 40
Decimal	2172456
CIELab	14.75, -1.70, -2.09
CIElCh	15, 2.690, 230.861
Yxy	1.8628, 0.2915, 0.3188
Android (android.graphics.Color)	4280362536 (0xFF212628)
YUV	36.7330, 1.6106, -3.2738
Hunter-Lab	13.6483, -1.6076, -0.3389

Details

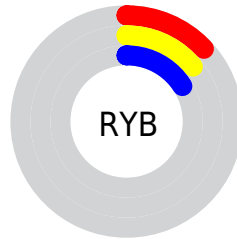
The Hex color **212628** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **282321**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4D5355**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D2528**, and if you desaturate by 10%, it is **252728**.

Distribution



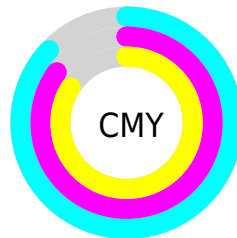
- Red (13%)
- Green (15%)
- Blue (16%)



- Red (13%)
- Yellow (14%)
- Blue (16%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (84%)



- Cyan (87%)
- Magenta (85%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212628 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 212628 by changing the saturation by 10% instead.

■ 212628

■ 212628

FFFFFF

■ 0A1114

■ 4D5355

■ 000000

■ 656B6D

■ 7E8486

■ 989EA1

■ B3B9BC

■ CED5D7

■ EAF1F4

■ 212628

■ 212628

■ 1D2528

■ 252728

■ 192428

■ 292828

■ 152328

■ 2D2928

■ 112128

■ 312B28

■ 0D2028

■ 352C28

■ 091F28

■ 392D28

■ 051E28

■ 3D2E28

■ 011D28

■ 412F28

■ 001D28

■ 453028

Harmonies

Analogous

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



212626



212628



232529

Triad

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



212628



292426



252522

Complementary

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



212628



282321

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.



272521



212628



292424

Square

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



212628



272428



292422



232623

Rectangle

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



212628



242529



292422



262521

Sweetspot

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



212628



303233



212823



18191A



999999



1A1A1A

Same Dimension

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



212628



283033



212328



121414



003C54



0097D4

Inverse Universe

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



282126



332830



282621



141214



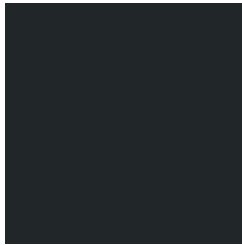
54003C



D40097

Previews

White Background



This preview shows how the Hex color 212628 looks on a white background.

Color Contrast Check

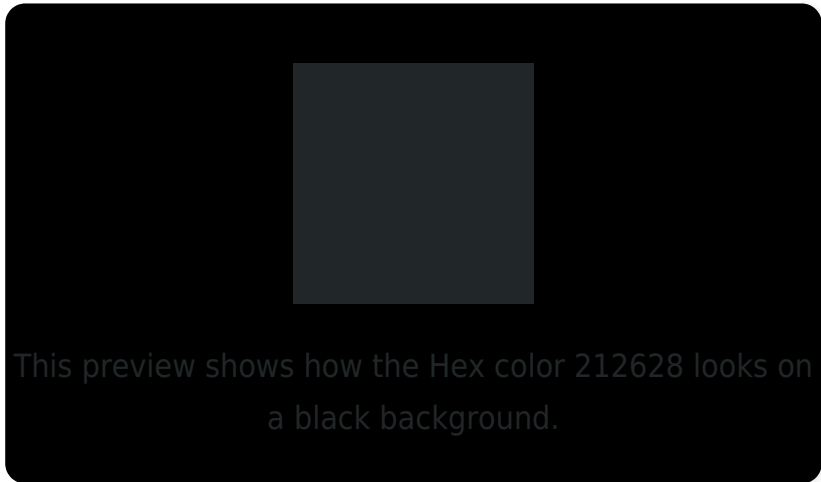
Large Text (above 18pt) WCAG AA ✓ Pass

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

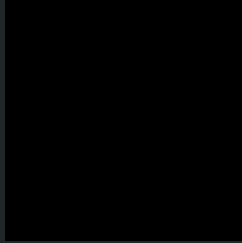
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

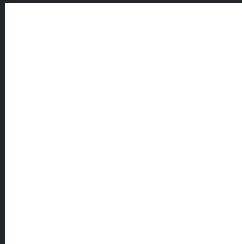
Any Text WCAG AAA × Fail

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

Hex 212628 Background



This preview shows how black text looks on a background with the Hex color 212628.

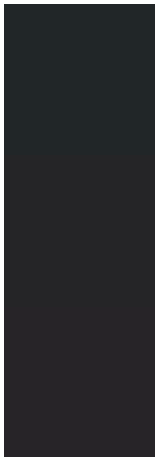


This preview shows how white text looks on a background with the Hex color 212628.

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
212628

Protanopia
252527

Deuteranopia
272428



Tritanopia
212629

Trichromacy



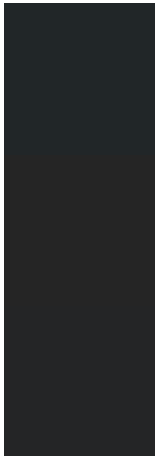
Original Color
212628

Protanomaly
242527

Deuteranomaly
252528

Tritanomaly
212629

Monochromacy



Original Color
212628

Achromatopsia
252525

Achromatomaly
242526

CSS Examples

Text

The CSS property to change the color of the text to Hex 212628 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 #212628 looks like.

```
.text, #text, p{  
    color:#212628  
}
```

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 #212628 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212628
}
```

Border

The CSS property to change the border of an element to Hex 212628 is called "border". The border property can be set on classes, ids or directly on the HTML element.

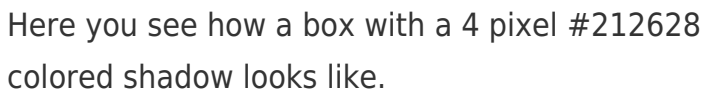
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212628 }
```

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

```
.border{ border-color:#212628 }
```

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



Here you see how a box with a 4 pixel #212628 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212628; -webkit-box-shadow:4px 4px  
4px 4px #212628; box-shadow:4px 4px 4px  
4px #212628 }
```

Background

The CSS property to change the background color of an element to Hex 212628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212628 }
```

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

```
.background{ background-color:#212628 }
```

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