

Converting Colors

Hex(212929)

Have a look what the booklet for
Hex(212929) contains.

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Color

Hex(212929)

Conversions

Conversions Part 1

Format	Color
Hex	212929
RGB	33, 41, 41
RGB Percent	13%, 16%, 16%
CMY	0.8706, 0.8392, 0.8392
CMYK	0.20, 0.00, 0.00, 0.84
HSL	180°, 11%, 15%
HSV	180°, 20%, 16%
XYZ	1.8204, 2.0693, 2.4013
YIQ	38.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

Format	Color
R_YB	33, 37, 41
Decimal	2173225
CIE Lab	15.85, -3.49, -1.18
CIE LCh	16, 3.688, 198.629
Yxy	2.0693, 0.2894, 0.3289
Android (android.graphics.Color)	4280363305 (0xFF212929)
YUV	38.6080, 1.1793, -4.9182
Hunter-Lab	14.3851, -2.5854, 0.1723

Details

The Hex color **212929** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **292121**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4D5656**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D2929**, and if you desaturate by 10%, it is **252929**.

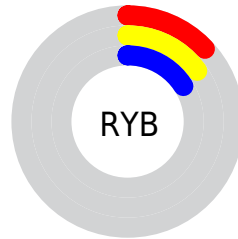
Distribution



Red (13%)

Green (16%)

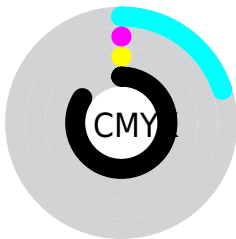
Blue (16%)



Red (13%)

Yellow (15%)

Blue (16%)

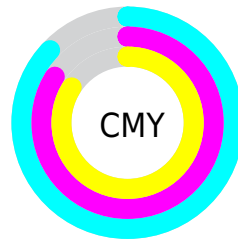


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (84%)



Cyan (87%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212929 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 212929 by changing the saturation by 10% instead.

■ 212929

■ 212929

FFFFFF

■ 0B1515

■ 4D5656

■ 000000

■ 656E6E

■ 7E8888

■ 98A2A2

■ B3BDBD

■ CED9D9

■ EBF5F5

■ 212929

■ 212929

■ 1D2929

■ 252929

■ 192929

■ 292929

■ 152929

■ 2D2929

■ 112929

■ 312929

■ 0C2929

■ 352929

■ 082929

■ 3A2929

■ 042929

■ 3E2929

■ 002929

■ 422929

■ 462929

Harmonies

Analogous

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



222926



212929



21292B

Triad

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



212929



2A262B



2B2722

Complementary

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



212929



292121

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.



2D2624



212929



2C2629

Square

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



212929



27272C



2D2626



282822

Rectangle

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



212929



23282C



2D2626



2B2723

Sweetspot

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



212929



323636



212921



1A1C1C



9C9C9C



1C1C1C

Same Dimension

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



212929



293636



212529



121414



005454



00D4D4

Inverse Universe

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



292129



362936



292521



141214



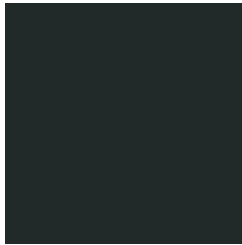
540054



D400D4

Previews

White Background



This preview shows how the Hex color 212929 looks on a white background.

Color Contrast Check

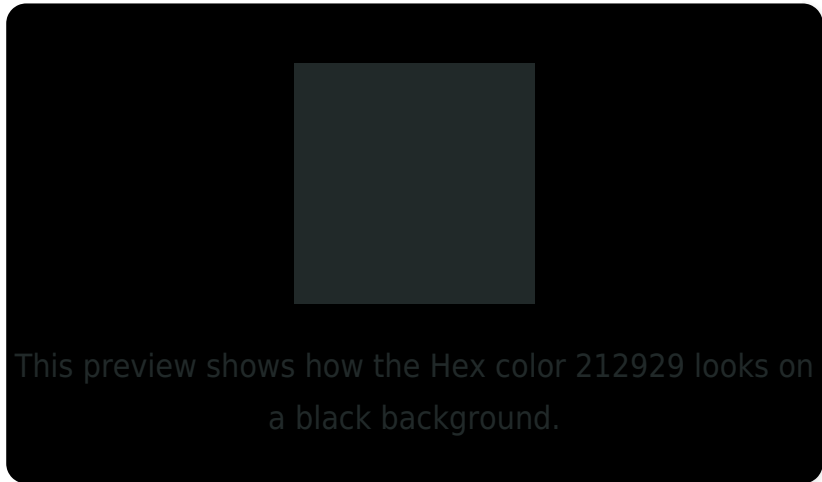
Large Text (above 18pt) WCAG AA ✓ Pass

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

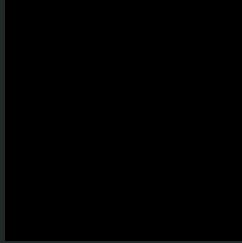
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

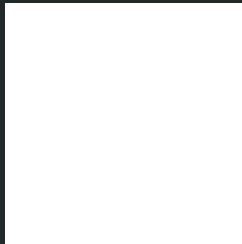
Any Text WCAG AAA × Fail

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

Hex 212929 Background



This preview shows how black text looks on a background with the Hex color 212929.

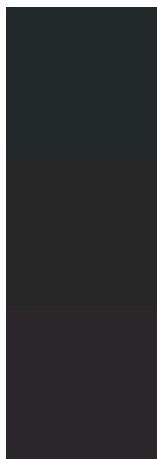


This preview shows how white text looks on a background with the Hex color 212929.

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
212929

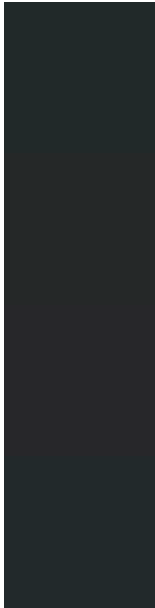
Protanopia
282728

Deuteranopia
2A262A



Tritanopia
22292C

Trichromacy



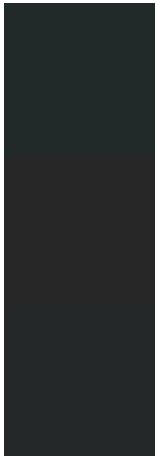
Original Color
212929

Protanomaly
252828

Deuteranomaly
27272A

Tritanomaly
22292B

Monochromacy



Original Color
212929

Achromatopsia
272727

Achromatomaly
252828

CSS Examples

Text

The CSS property to change the color of the text to Hex 212929 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 #212929 looks like.

```
.text, #text, p{  
    color:#212929  
}
```

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 #212929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212929
}
```

Border

The CSS property to change the border of an element to Hex 212929 is called "border". The border property can be set on classes, ids or directly on the HTML element.

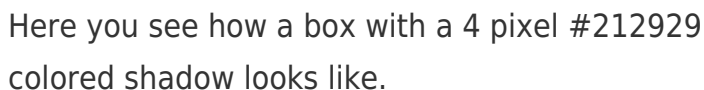
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212929 }
```

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

```
.border{ border-color:#212929 }
```

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



Here you see how a box with a 4 pixel #212929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212929; -webkit-box-shadow:4px 4px  
4px 4px #212929; box-shadow:4px 4px 4px  
4px #212929 }
```

Background

The CSS property to change the background color of an element to Hex 212929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212929 }
```

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

```
.background{ background-color:#212929 }
```

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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