

Converting Colors

Hex(202128)

Have a look what the booklet for
Hex(202128) contains.

Hex(202128)	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(202128)

Conversions

Conversions Part 1

Format	Color
Hex	202128
RGB	32, 33, 40
RGB Percent	13%, 13%, 16%
CMY	0.8745, 0.8706, 0.8431
CMYK	0.20, 0.18, 0.00, 0.84
HSL	232°, 11%, 14%
HSV	232°, 20%, 16%
XYZ	1.5225, 1.5480, 2.2260
YIQ	33.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

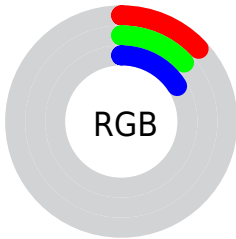
Format	Color
RYB	32, 33, 40
Decimal	2105640
CIELab	12.91, 1.43, -4.84
CIElCh	13, 5.049, 286.442
Yxy	1.5480, 0.2875, 0.2923
Android (android.graphics.Color)	4280295720 (0xFF202128)
YUV	33.4990, 3.2050, -1.3146
Hunter-Lab	12.4418, 0.0701, -1.8986

Details

The Hex color **202128** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **282720**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **4C4D55**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C1E28**, and if you desaturate by 10%, it is **242528**.

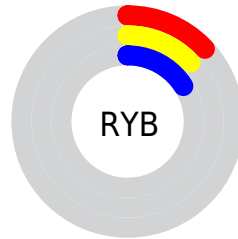
Distribution



Red (13%)

Green (13%)

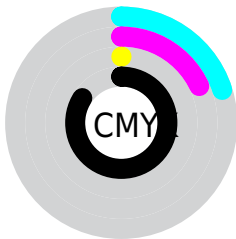
Blue (16%)



Red (13%)

Yellow (13%)

Blue (16%)

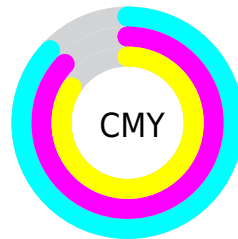


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (84%)



Cyan (87%)

Magenta (87%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202128 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 202128 by changing the saturation by 10% instead.

■ 202128

■ 202128

FFFFFF

■ 090A14

■ 4C4D55

■ 000000

■ 64656D

■ 7D7E87

■ 9798A1

■ B1B2BC

■ CDCED7

■ E9EAF4

■ 202128

■ 202128

■ 1C1E28

■ 242528

■ 181A28

■ 282828

■ 141728

■ 2C2B28

■ 101328

■ 302F28

■ 0C1028

■ 343228

■ 080C28

■ 383628

■ 040928

■ 3C3928

■ 000528

■ 403D28

■ 444028

Harmonies

Analogous

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



1C2228



202128



242026

Triad

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



202128



28201C



1B2320

Complementary

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



202128



282720

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.



1E231C



202128



26211B

Square

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



202128



291F20



22221B



182323

Rectangle

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



202128



271F24



22221B



1C231E

Sweetspot

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



202128



303033



202827



18181A



999999



1A1A1A

Same Dimension

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



202128



272833



232028



121314



000B54



001AD4

Inverse Universe

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



282021



332728



252820



141213



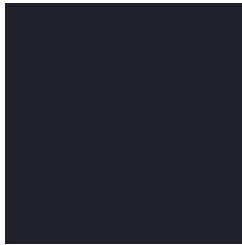
54000B



D4001A

Previews

White Background



This preview shows how the Hex color 202128 looks on a white background.

Color Contrast Check

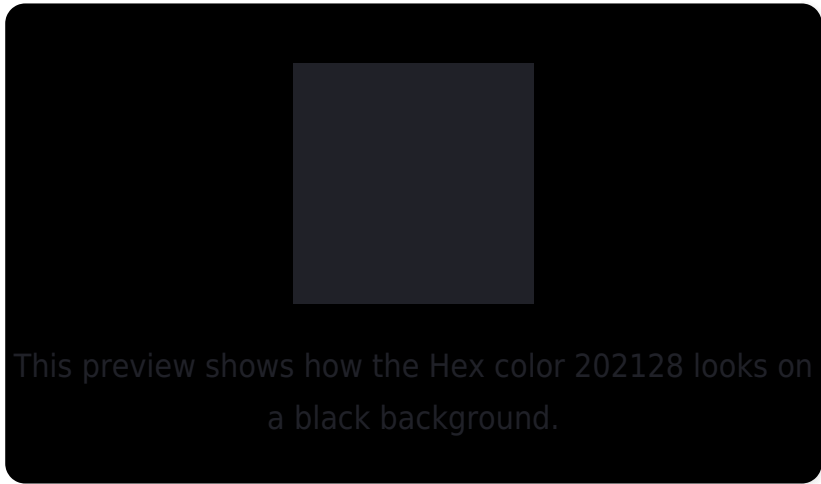
Large Text (above 18pt) WCAG AA ✓ Pass

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

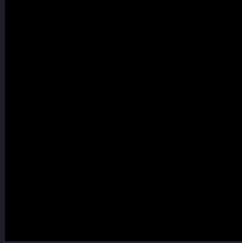
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

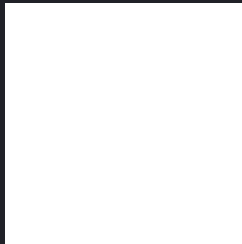
Any Text WCAG AAA × Fail

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

Hex 202128 Background



This preview shows how black text looks on a background with the Hex color 202128.

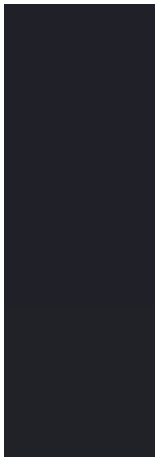


This preview shows how white text looks on a background with the Hex color 202128.

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
202128

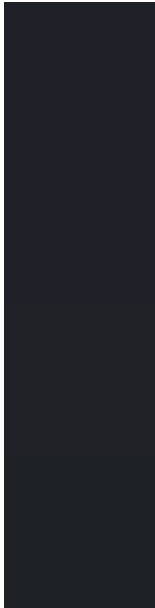
Protanopia
202128

Deuteranopia
212128



Tritanopia
1F2224

Trichromacy



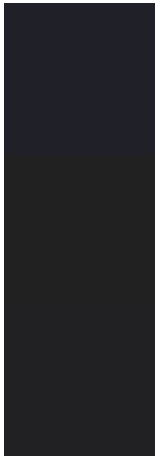
Original Color
202128

Protanomaly
202128

Deuteranomaly
212128

Tritanomaly
1F2225

Monochromacy



Original Color
202128

Achromatopsia
212121

Achromatomaly
212124

CSS Examples

Text

The CSS property to change the color of the text to Hex 202128 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 #202128 looks like.

```
.text, #text, p{  
    color:#202128  
}
```

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 #202128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202128  
}
```

Border

The CSS property to change the border of an element to Hex 202128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

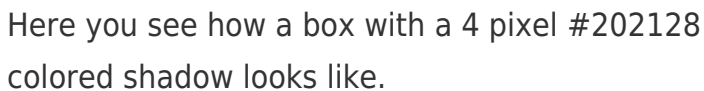
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#202128 }
```

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

```
.border{ border-color:#202128 }
```

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



Here you see how a box with a 4 pixel #202128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202128; -webkit-box-shadow:4px 4px  
4px 4px #202128; box-shadow:4px 4px 4px  
4px #202128 }
```

Background

The CSS property to change the background color of an element to Hex 202128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202128 }
```

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

```
.background{ background-color:#202128 }
```

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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