

Converting Colors

Hex(20202D)

Have a look what the booklet for
Hex(20202D) contains.

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Color

Hex(20202D)

Conversions

Conversions Part 1

Format	Color
Hex	20202D
RGB	32, 32, 45
RGB Percent	13%, 13%, 18%
CMY	0.8745, 0.8745, 0.8235
CMYK	0.29, 0.29, 0.00, 0.82
HSL	240°, 17%, 15%
HSV	240°, 29%, 18%
XYZ	1.5858, 1.5296, 2.6943
YIQ	33.4820, -4.1730, 4.0430

Conversions

Conversions Part 2

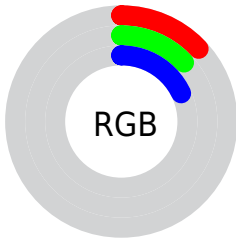
Format	Color
R_{YB}	32, 32, 45
Decimal	2105389
CIE Lab	12.79, 3.65, -8.63
CIE LCh	13, 9.374, 292.909
Yxy	1.5296, 0.2730, 0.2633
Android (android.graphics.Color)	4280295469 (0xFF20202D)
YUV	33.4820, 5.6784, -1.2997
Hunter-Lab	12.3675, 1.2450, -4.2591

Details

The Hex color **20202D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D2D20**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **4C4C5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B1B2D**, and if you desaturate by 10%, it is **25252D**.

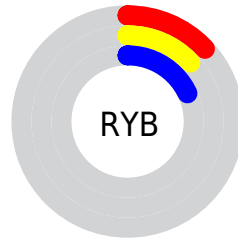
Distribution



Red (13%)

Green (13%)

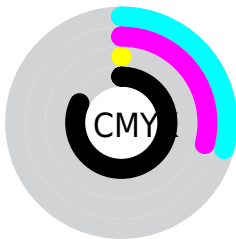
Blue (18%)



Red (13%)

Yellow (13%)

Blue (18%)

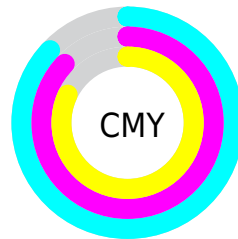


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (82%)



Cyan (87%)

Magenta (87%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20202D 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 20202D by changing the saturation by 10% instead.

■ 20202D

■ 20202D

FFFFFF

■ 0A0819

■ 4C4C5B

■ 000000

■ 646473

■ 7D7D8D

■ 9796A7

■ B2B1C2

■ CDCDDE

■ EAE9FB

■ 20202D

■ 20202D

■ 1B1B2D

■ 25252D

■ 17172D

■ 29292D

■ 13132D

■ 2E2E2D

■ 0E0E2D

■ 32322D

■ 0A0A2D

■ 37372D

■ 05052D

■ 3B3B2D

■ 01012D

■ 40402D

■ 00002D

■ 44442D

■ 49492D

Harmonies

Analogous

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



17222E



20202D



281E29

Triad

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



20202D



2C1E17



12251F

Complementary

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



20202D



2D2D20

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.



192419



20202D



272014

Square

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



20202D



2E1D1C



212215



0D2526

Rectangle

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



20202D



2C1D25



212215



14241D

Sweetspot

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



20202D



35353B



202D2D



1B1B1F



9E9E9E



1F1F1F

Same Dimension

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



20202D



26263B



27202D



151517



000057



0000D6

Inverse Universe

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



2D202D



3B263B



272D20



171517



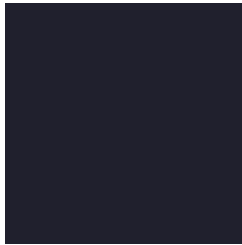
570057



D600D6

Previews

White Background



This preview shows how the Hex color 20202D looks on a white background.

Color Contrast Check

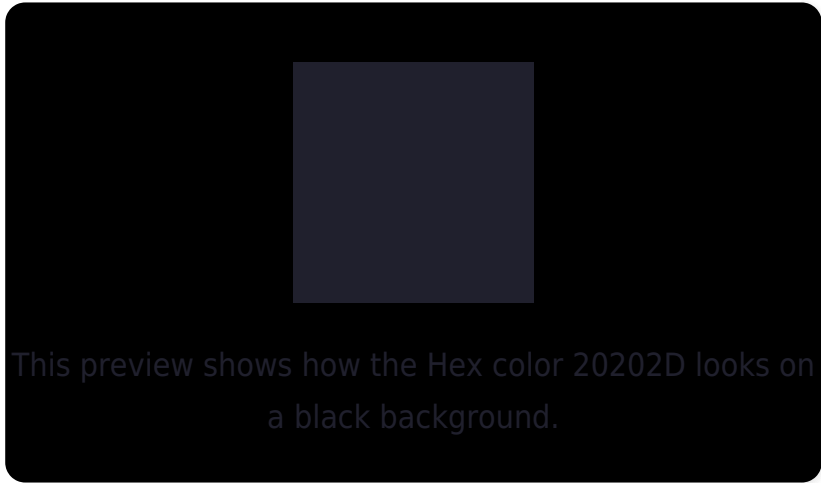
Large Text (above 18pt) WCAG AA ✓ Pass

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

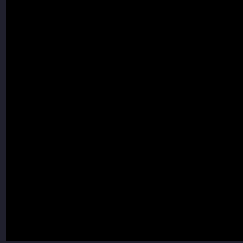
Any Text WCAG AA × Fail

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 20202D Background



This preview shows how black text looks on a background with the Hex color 20202D.



This preview shows how white text looks on a background with the Hex color 20202D.

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
20202D

Protanopia
1D212E

Deuteranopia
1E212D



Tritanopia
1E2224

Trichromacy



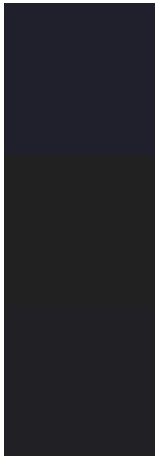
Original Color
20202D

Protanomaly
1E212E

Deuteranomaly
1F212D

Tritanomaly
1F2127

Monochromacy



Original Color
20202D

Achromatopsia
212121

Achromatomaly
212125

CSS Examples

Text

The CSS property to change the color of the text to Hex 20202D 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 #20202D looks like.

```
.text, #text, p{  
    color:#20202D  
}
```

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 #20202D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20202D
}
```

Border

The CSS property to change the border of an element to Hex 20202D is called "border". The border property can be set on classes, ids or directly on the HTML element.

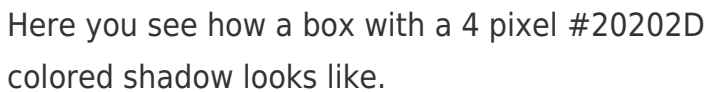
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20202D }
```

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

```
.border{ border-color:#20202D }
```

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



Here you see how a box with a 4 pixel #20202D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20202D; -webkit-box-shadow:4px 4px  
4px 4px #20202D; box-shadow:4px 4px 4px  
4px #20202D }
```

Background

The CSS property to change the background color of an element to Hex 20202D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20202D }
```

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

```
.background{ background-color:#20202D }
```

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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