

Converting Colors

Hex(202D36)

Have a look what the booklet for
Hex(202D36) contains.

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Color

Hex(202D36)

Conversions

Conversions Part 1

Format	Color
Hex	202D36
RGB	32, 45, 54
RGB Percent	13%, 18%, 21%
CMY	0.8745, 0.8235, 0.7882
CMYK	0.41, 0.17, 0.00, 0.79
HSL	205°, 26%, 17%
HSV	205°, 41%, 21%
XYZ	2.1999, 2.4502, 3.8470
YIQ	42.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

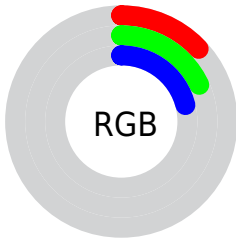
Format	Color
R_{YB}	32, 40, 54
Decimal	2108726
CIE _{Lab}	17.69, -2.73, -7.54
CIE _{LCh}	18, 8.017, 250.085
Yxy	2.4502, 0.2589, 0.2884
Android (android.graphics.Color)	4280298806 (0xFF202D36)
YUV	42.1390, 5.8475, -8.8919
Hunter-Lab	15.6531, -2.3063, -3.6144

Details

The Hex color **202D36** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **362920**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4D5B65**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **1B2B36**, and if you desaturate by 10%, it is **252F36**.

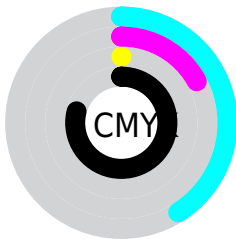
Distribution



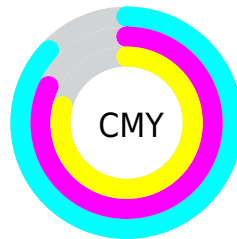
- Red (13%)
- Green (18%)
- Blue (21%)



- Red (13%)
- Yellow (16%)
- Blue (21%)



- Cyan (41%)
- Magenta (17%)
- Yellow (0%)
- Black (79%)



- Cyan (87%)
- Magenta (82%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202D36 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 202D36 by changing the saturation by 10% instead.

■ 202D36

■ 202D36

FFFFFF

■ 0B1821

■ 4D5B65

■ 000009

■ 65737E

■ 000000

■ 7E8D97

■ 98A7B2

■ B3C2CE

■ CFDEEA

■ EBFBF

■ 202D36

■ 202D36

■ 1B2B36

■ 252F36

■ 152936

■ 2B3136

■ 102636

■ 303436

■ 0A2436

■ 363636

■ 052236

■ 3B3836

■ 002036

■ 403A36

■ 463C36

■ 4B3F36

■ 514136

Harmonies

Analogous

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



1C2E33



202D36



272B37

Triad

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



202D36



37272A



272D22

Complementary

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



202D36



362920

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.



2E2C20



202D36



372824

Square

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



202D36



34282F



332A21



212E27

Rectangle

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



202D36



2C2A35



332A21



292D21

Sweetspot

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



202D36



3F4447



203629



1F2224



A3A3A3



242424

Same Dimension

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



202D36



243947



202236



191B1C



00365C



0082DB

Inverse Universe

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



36202D



472439



363420



1C191B



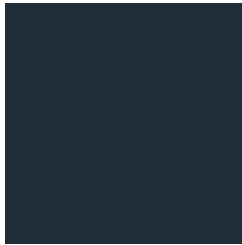
5C0036



DB0082

Previews

White Background



This preview shows how the Hex color 202D36 looks on a white background.

Color Contrast Check

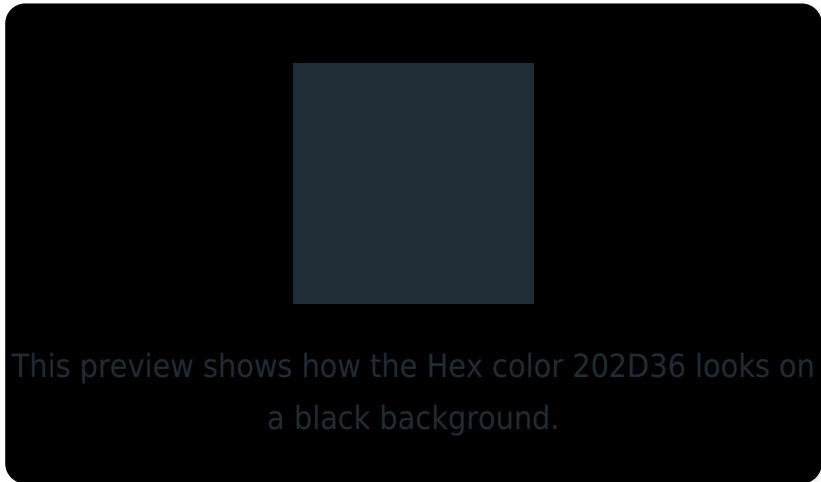
Large Text (above 18pt) WCAG AA ✓ Pass

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

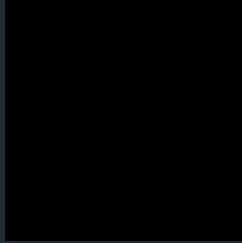
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

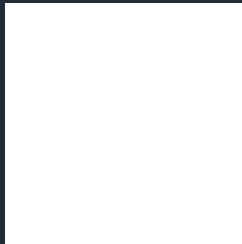
Any Text WCAG AAA × Fail

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

Hex 202D36 Background



This preview shows how black text looks on a background with the Hex color 202D36.



This preview shows how white text looks on a background with the Hex color 202D36.

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
202D36

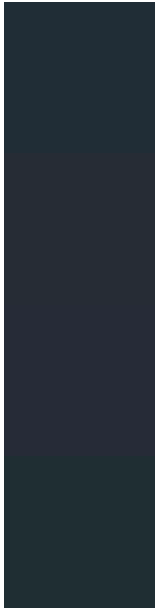
Protanopia
292B35

Deuteranopia
2A2A37



Tritanopia
1F2E31

Trichromacy



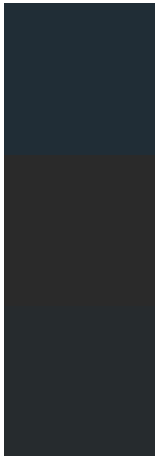
Original Color
202D36

Protanomaly
262C35

Deuteranomaly
262B37

Tritanomaly
1F2E33

Monochromacy



Original Color
202D36

Achromatopsia
2A2A2A

Achromatomaly
262B2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 202D36 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 #202D36 looks like.

```
.text, #text, p{  
    color:#202D36  
}
```

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 #202D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202D36
}
```

Border

The CSS property to change the border of an element to Hex 202D36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

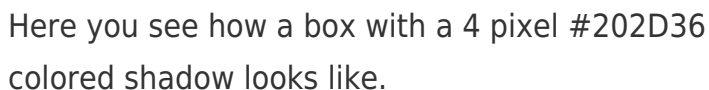
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#202D36 }
```

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

```
.border{ border-color:#202D36 }
```

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



Here you see how a box with a 4 pixel #202D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202D36; -webkit-box-shadow:4px 4px  
4px 4px #202D36; box-shadow:4px 4px 4px  
4px #202D36 }
```

Background

The CSS property to change the background color of an element to Hex 202D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202D36 }
```

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

```
.background{ background-color:#202D36 }
```

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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