

Converting Colors

Hex(202D24)

Have a look what the booklet for
Hex(202D24) contains.

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Color

Hex(202D24)

Conversions

Conversions Part 1

Format	Color
Hex	202D24
RGB	32, 45, 36
RGB Percent	13%, 18%, 14%
CMY	0.8745, 0.8235, 0.8588
CMYK	0.29, 0.00, 0.20, 0.82
HSL	138°, 17%, 15%
HSV	138°, 29%, 18%
XYZ	1.8525, 2.3112, 2.0175
YIQ	40.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

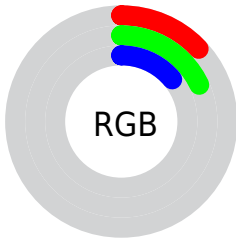
Format	Color
R_{YB}	32, 42, 45
Decimal	2108708
CIE Lab	17.04, -7.87, 4.05
CIE LCh	17, 8.846, 152.782
Yxy	2.3112, 0.2997, 0.3739
Android (android.graphics.Color)	4280298788 (0xFF202D24)
YUV	40.0870, -2.0149, -7.0923
Hunter-Lab	15.2027, -4.8541, 2.7736

Details

The Hex color **202D24** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D2029**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **4C5B50**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B2D21**, and if you desaturate by 10%, it is **252D27**.

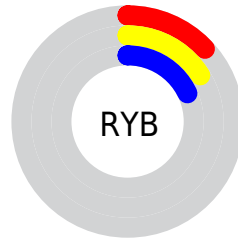
Distribution



Red (13%)

Green (18%)

Blue (14%)



Red (13%)

Yellow (16%)

Blue (18%)

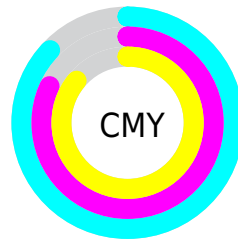


Cyan (29%)

Magenta (0%)

Yellow (20%)

Black (82%)



Cyan (87%)

Magenta (82%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202D24 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 202D24 by changing the saturation by 10% instead.

■ 202D24

■ 202D24

FFFFFF

■ 0A190F

■ 4C5B50

■ 000000

■ 647369

■ 7D8D82

■ 97A79C

■ B2C2B6

■ CDDDED2

■ EAFBEE

■ 202D24

■ 202D24

■ 1B2D21

■ 252D27

■ 172D1E

■ 292D2A

■ 132D1B

■ 2E2D2D

■ 0E2D18

■ 322D30

■ 0A2D14

■ 372D34

■ 052D11

■ 3B2D37

■ 012D0E

■ 402D3A

■ 002D0E

■ 442D3D

■ 492D40

Harmonies

Analogous

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



272C1F



202D24



1A2E2A

Triad

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



202D24



232A36



372623

Complementary

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



202D24



2D2029

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.



36252A



202D24



2C2835

Square

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



202D24



1B2C35



332630



34281F

Rectangle

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



202D24



182D2F



332630



372625

Sweetspot

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



202D24



353B37



292D20



1B1F1C



9E9E9E



1F1F1F

Same Dimension

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



202D24



263B2C



202D2A



151715



00571B



00D642

Inverse Universe

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



2D2029



3B2634



2D2023



171516



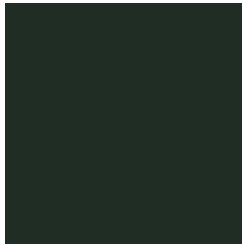
57003C



D60094

Previews

White Background



This preview shows how the Hex color 202D24 looks on a white background.

Color Contrast Check

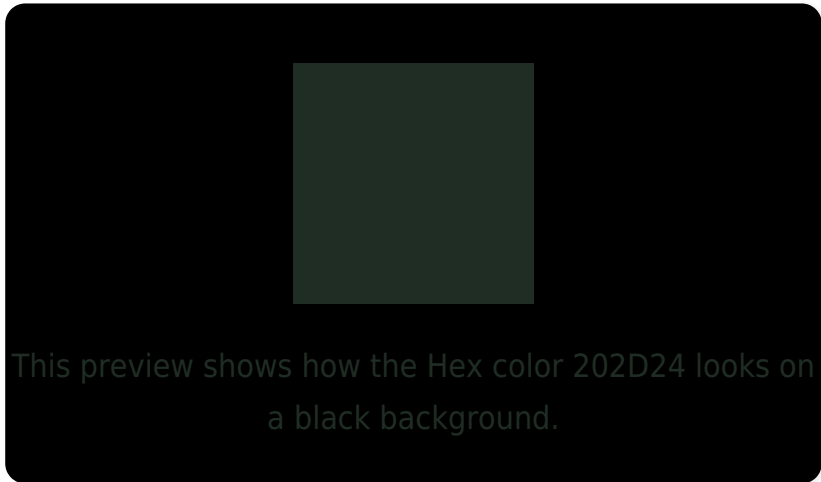
Large Text (above 18pt) WCAG AA ✓ Pass

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

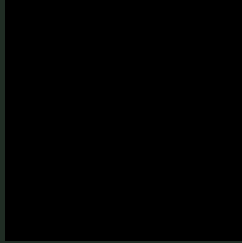
Any Text WCAG AA × Fail

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 202D24 Background



This preview shows how black text looks on a background with the Hex color 202D24.



This preview shows how white text looks on a background with the Hex color 202D24.

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

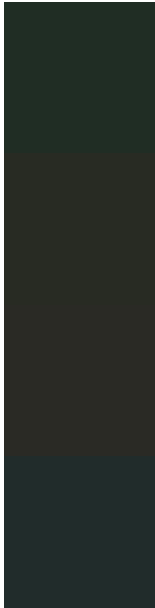


Original Color
202D24

Protanopia
2C2A22

Deuteranopia
302825

Trichromacy



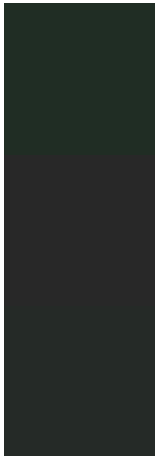
Original Color
202D24

Protanomaly
282B23

Deuteranomaly
2A2A25

Tritanomaly
212C2B

Monochromacy



Original Color
202D24

Achromatopsia
282828

Achromatomaly
252A27

CSS Examples

Text

The CSS property to change the color of the text to Hex 202D24 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 #202D24 looks like.

```
.text, #text, p{  
    color:#202D24  
}
```

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 #202D24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202D24
}
```

Border

The CSS property to change the border of an element to Hex 202D24 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
#202D24 }
```

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

```
.border{ border-color:#202D24 }
```

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

Here you see how a box with a 4 pixel #202D24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202D24; -webkit-box-shadow:4px 4px  
4px 4px #202D24; box-shadow:4px 4px 4px  
4px #202D24 }
```

Background

The CSS property to change the background color of an element to Hex 202D24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202D24 }
```

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

```
.background{ background-color:#202D24 }
```

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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