

Converting Colors

Hex(2A2D20)

Have a look what the booklet for
Hex(2A2D20) contains.

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Color

Hex(2A2D20)

Conversions

Conversions Part 1

Format	Color
Hex	2A2D20
RGB	42, 45, 32
RGB Percent	16%, 18%, 13%
CMY	0.8353, 0.8235, 0.8745
CMYK	0.07, 0.00, 0.29, 0.82
HSL	74°, 17%, 15%
HSV	74°, 29%, 18%
XYZ	2.1539, 2.4733, 1.7304
YIQ	42.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

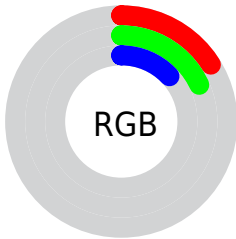
Format	Color
RYP	32, 45, 35
Decimal	2764064
CIE Lab	17.80, -4.19, 7.99
CIE LCh	18, 9.018, 117.652
Yxy	2.4733, 0.3388, 0.3890
Android (android.graphics.Color)	4280954144 (0xFF2A2D20)
YUV	42.6210, -5.2362, -0.5446
Hunter-Lab	15.7267, -3.0743, 4.4852

Details

The Hex color **2A2D20** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23202D**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **575B4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **292D1B**, and if you desaturate by 10%, it is **2B2D25**.

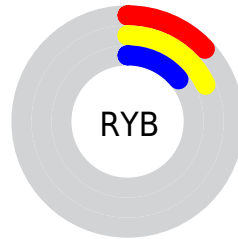
Distribution



Red (16%)

Green (18%)

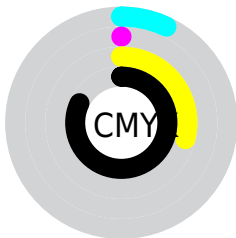
Blue (13%)



Red (13%)

Yellow (18%)

Blue (14%)

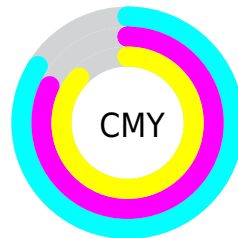


Cyan (7%)

Magenta (0%)

Yellow (29%)

Black (82%)



Cyan (84%)

Magenta (82%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2D20 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 2A2D20 by changing the saturation by 10% instead.

■ 2A2D20

■ 2A2D20

FFFFFF

■ 161809

■ 575B4C

■ 000000

■ 707364

■ 898D7D

■ A4A797

■ BFC2B1

■ DBDECD

■ F7FBE9

■ 2A2D20

■ 2A2D20

■ 292D1B

■ 2B2D25

■ 282D17

■ 2C2D29

■ 272D13

■ 2D2D2E

■ 262D0E

■ 2E2D32

■ 252D0A

■ 2F2D37

■ 242D05

■ 302D3B

■ 232D01

■ 312D40

■ 232D00

■ 322D44

■ 332D49

Harmonies

Analogous

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



312B1F



2A2D20



232E24

Triad

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



2A2D20



1C2E36



38272C

Complementary

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



2A2D20



23202D

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.



332833



2A2D20



232C38

Square

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



2A2D20



192F31



2C2A37



392726

Rectangle

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



2A2D20



1E2F29



2C2A37



37272F

Sweetspot

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



2A2D20



393B35



2D2320



1E1F1B



9E9E9E



1F1F1F

Same Dimension

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



2A2D20



363B26



242D20



161715



435700



A5D600

Inverse Universe

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



23202D



2B263B



29202D



151517



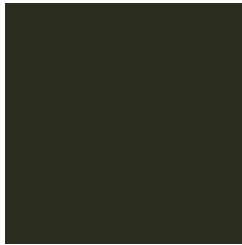
140057



3100D6

Previews

White Background



This preview shows how the Hex color 2A2D20 looks on a white background.

Color Contrast Check

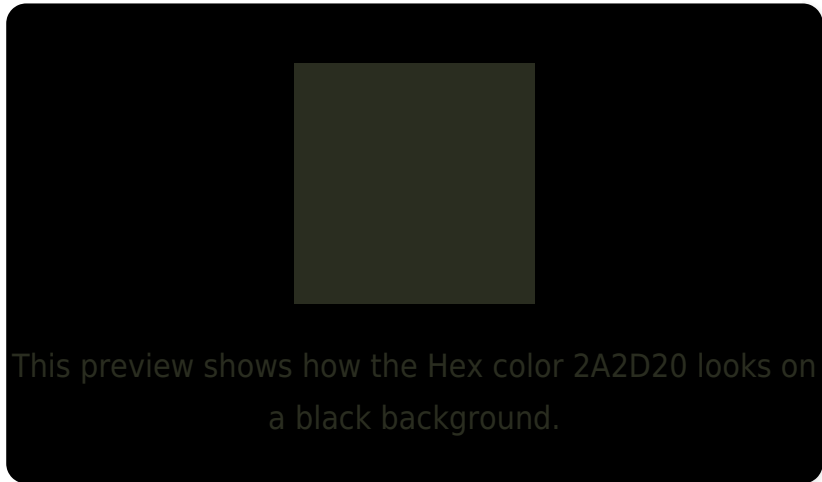
Large Text (above 18pt) WCAG AA ✓ Pass

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

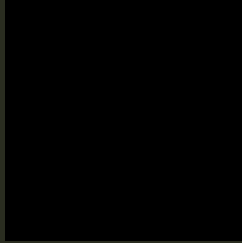
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

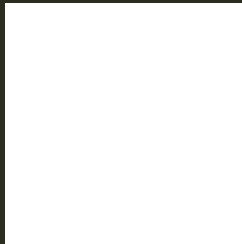
Any Text WCAG AAA × Fail

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

Hex 2A2D20 Background



This preview shows how black text looks on a background with the Hex color 2A2D20.

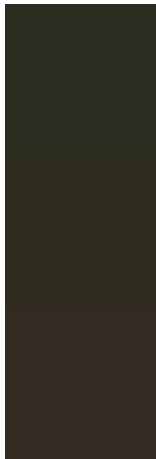


This preview shows how white text looks on a background with the Hex color 2A2D20.

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

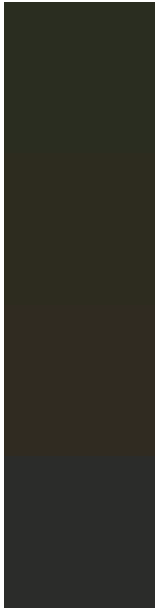


Original Color
2A2D20

Protanopia
2F2C1F

Deuteranopia
332A21

Trichromacy



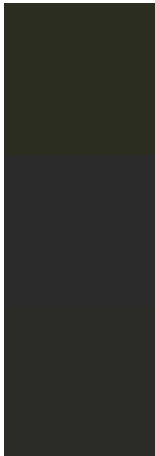
Original Color
2A2D20

Protanomaly
2D2C1F

Deuteranomaly
302B21

Tritanomaly
2B2C2A

Monochromacy



Original Color
2A2D20

Achromatopsia
2B2B2B

Achromatomaly
2B2C27

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2D20 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 #2A2D20 looks like.

```
.text, #text, p{  
    color:#2A2D20  
}
```

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 #2A2D20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2D20
}
```

Border

The CSS property to change the border of an element to Hex 2A2D20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

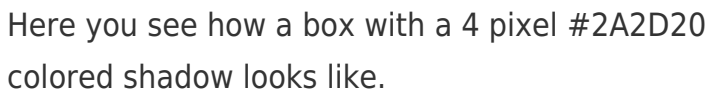
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2D20 }
```

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

```
.border{ border-color:#2A2D20 }
```

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



Here you see how a box with a 4 pixel #2A2D20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2D20; -webkit-box-shadow:4px 4px  
4px 4px #2A2D20; box-shadow:4px 4px 4px  
4px #2A2D20 }
```

Background

The CSS property to change the background color of an element to Hex 2A2D20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2D20 }
```

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

```
.background{ background-color:#2A2D20 }
```

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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