

Converting Colors

Hex(252F20)

Have a look what the booklet for
Hex(252F20) contains.

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Color

Hex(252F20)

Conversions

Conversions Part 1

Format	Color
Hex	252F20
RGB	37, 47, 32
RGB Percent	15%, 18%, 13%
CMY	0.8549, 0.8157, 0.8745
CMYK	0.21, 0.00, 0.32, 0.82
HSL	100°, 19%, 15%
HSV	100°, 32%, 18%
XYZ	2.0402, 2.5306, 1.7474
YIQ	42.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

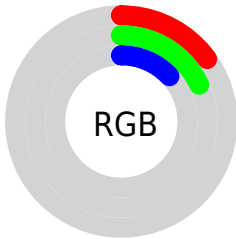
Format	Color
RYB	32, 47, 42
Decimal	2436896
CIELab	18.06, -7.84, 8.27
CIElCh	18, 11.395, 133.466
Yxy	2.5306, 0.3229, 0.4005
Android (android.graphics.Color)	4280626976 (0xFF252F20)
YUV	42.3000, -5.0779, -4.6481
Hunter-Lab	15.9080, -4.9465, 4.6228

Details

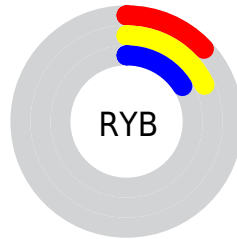
The Hex color **252F20** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A202F**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **525D4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **222F1B**, and if you desaturate by 10%, it is **282F25**.

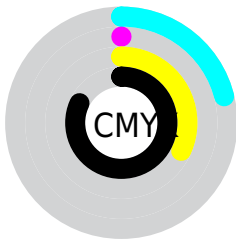
Distribution



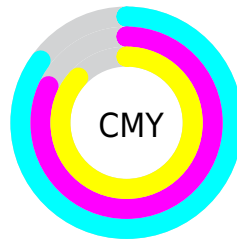
- Red (15%)
- Green (18%)
- Blue (13%)



- Red (13%)
- Yellow (18%)
- Blue (16%)



- Cyan (21%)
- Magenta (0%)
- Yellow (32%)
- Black (82%)



- Cyan (85%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252F20 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 252F20 by changing the saturation by 10% instead.

■ 252F20

■ 252F20

FFFFFF

■ 111A09

■ 525D4C

■ 000000

■ 6A7664

■ 838F7D

■ 9DAA97

■ B8C5B1

■ D4E1CD

■ F0FDE9

■ 252F20

■ 252F20

■ 222F1B

■ 282F25

■ 1F2F17

■ 2B2F29

■ 1C2F12

■ 2E2F2E

■ 182F0D

■ 322F33

■ 152F09

■ 352F37

■ 122F04

■ 382F3C

■ 102F00

■ 3B2F41

■ 3E2F46

■ 412F4A

Harmonies

Analogous

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



2E2D1C



252F20



1C3027

Triad

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



252F20



1B2E3C



3D2629

Complementary

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



252F20



2A202F

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.



3A2731



252F20



272C3C

Square

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



252F20



133037



322938



3B2721

Rectangle

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



252F20



16312D



322938



3C262B

Sweetspot

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



252F20



393D37



2F2A20



1C1F1B



9E9E9E



1F1F1F

Same Dimension

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



252F20



2E3D26



202F23



151715



1D5700



47D600

Inverse Universe

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



2A202F



35263D



2F202D



161517



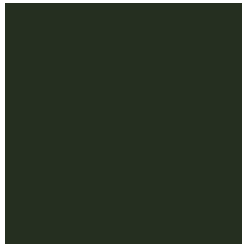
3A0057



8F00D6

Previews

White Background



This preview shows how the Hex color 252F20 looks on a white background.

Color Contrast Check

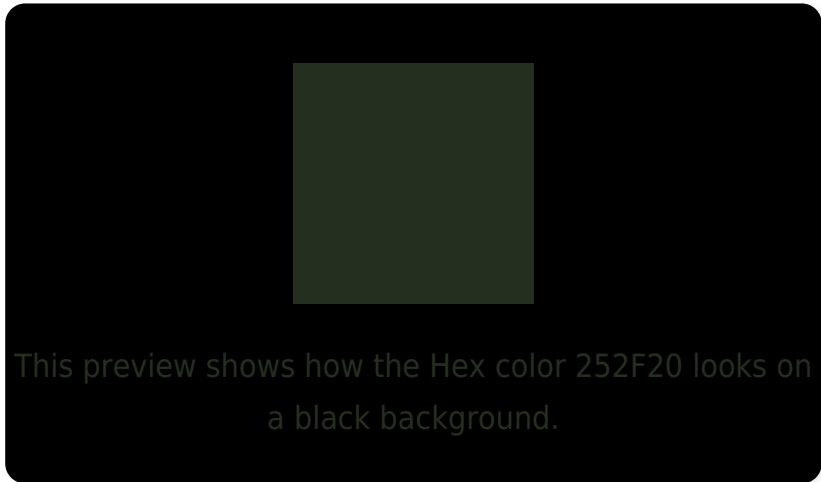
Large Text (above 18pt) WCAG AA ✓ Pass

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

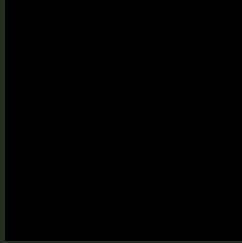
Any Text WCAG AA × Fail

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 252F20 Background



This preview shows how black text looks on a background with the Hex color 252F20.

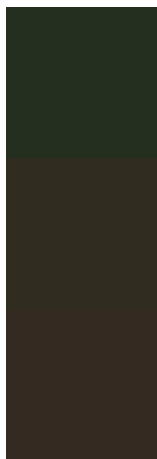


This preview shows how white text looks on a background with the Hex color 252F20.

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
252F20

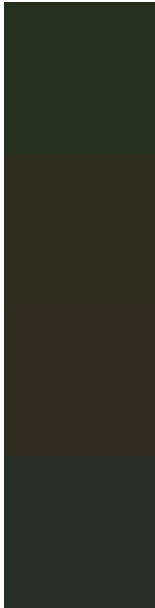
Protanopia
302C1F

Deuteranopia
342A21



Tritanopia
282D30

Trichromacy



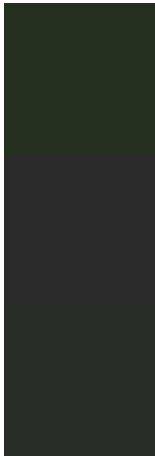
Original Color
252F20

Protanomaly
2C2D1F

Deuteranomaly
2F2C21

Tritanomaly
272E2A

Monochromacy



Original Color
252F20

Achromatopsia
2A2A2A

Achromatomaly
282C26

CSS Examples

Text

The CSS property to change the color of the text to Hex 252F20 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 #252F20 looks like.

```
.text, #text, p{  
    color:#252F20  
}
```

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 #252F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252F20
}
```

Border

The CSS property to change the border of an element to Hex 252F20 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
#252F20 }
```

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

```
.border{ border-color:#252F20 }
```

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

Here you see how a box with a 4 pixel #252F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252F20; -webkit-box-shadow:4px 4px  
4px 4px #252F20; box-shadow:4px 4px 4px  
4px #252F20 }
```

Background

The CSS property to change the background color of an element to Hex 252F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252F20 }
```

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

```
.background{ background-color:#252F20 }
```

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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