

Converting Colors

Hex(232A20)

Have a look what the booklet for
Hex(232A20) contains.

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Color

Hex(232A20)

Conversions

Conversions Part 1

Format	Color
Hex	232A20
RGB	35, 42, 32
RGB Percent	14%, 16%, 13%
CMY	0.8627, 0.8353, 0.8745
CMYK	0.17, 0.00, 0.24, 0.84
HSL	102°, 14%, 15%
HSV	102°, 24%, 16%
XYZ	1.7818, 2.1175, 1.6813
YIQ	38.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

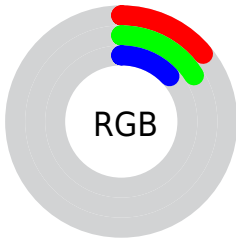
Format	Color
R_{YB}	32, 42, 39
Decimal	2304544
CIE Lab	16.09, -5.50, 5.53
CIE LCh	16, 7.802, 134.878
Yxy	2.1175, 0.3193, 0.3794
Android (android.graphics.Color)	4280494624 (0xFF232A20)
YUV	38.7670, -3.3361, -3.3037
Hunter-Lab	14.5518, -3.6089, 3.3359

Details

The Hex color **232A20** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **27202A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4F574C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **202A1C**, and if you desaturate by 10%, it is **262A24**.

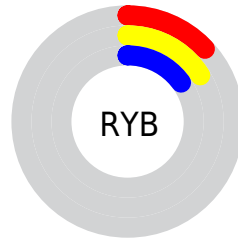
Distribution



Red (14%)

Green (16%)

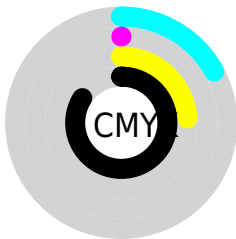
Blue (13%)



Red (13%)

Yellow (16%)

Blue (15%)

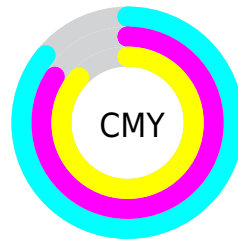


Cyan (17%)

Magenta (0%)

Yellow (24%)

Black (84%)



Cyan (86%)

Magenta (84%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232A20 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 232A20 by changing the saturation by 10% instead.

■ 232A20

■ 232A20

FFFFFF

■ 0E1609

■ 4F574C

■ 000000

■ 687064

■ 81897D

■ 9BA397

■ B5BEB1

■ D1DACD

■ EDF7E9

■ 232A20

■ 232A20

■ 202A1C

■ 262A24

■ 1D2A18

■ 292A28

■ 1A2A13

■ 2C2A2D

■ 172A0F

■ 2F2A31

■ 142A0B

■ 322A35

■ 112A07

■ 352A39

■ 0E2A03

■ 382A3D

■ 0D2A00

■ 3B2A42

■ 3D2A46

Harmonies

Analogous

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



29281D



232A20



1D2B25

Triad

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



232A20



1E2932



332425

Complementary

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



232A20



27202A

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.



31242B



232A20



252833

Square

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



232A20



192B30



2C2630



322520

Rectangle

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



232A20



1A2B29



2C2630



332427

Sweetspot

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



232A20



333632



2A2720



1A1C1A



9C9C9C



1C1C1C

Same Dimension

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



232A20



2B3626



202A22



131412



195400



3FD400

Inverse Universe

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



27202A



312636



2A2028



141214



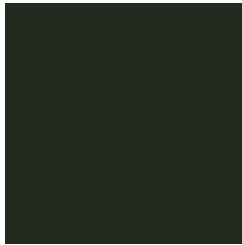
3B0054



9400D4

Previews

White Background



This preview shows how the Hex color 232A20 looks on a white background.

Color Contrast Check

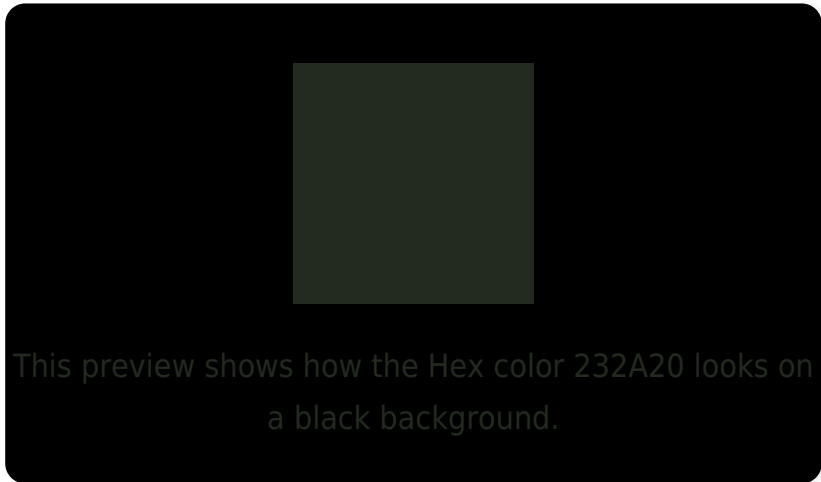
Large Text (above 18pt) WCAG AA ✓ Pass

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

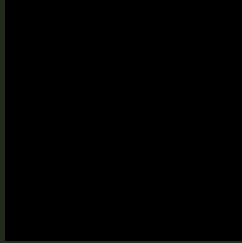
Any Text WCAG AA × Fail

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 232A20 Background



This preview shows how black text looks on a background with the Hex color 232A20.

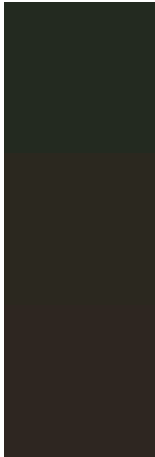


This preview shows how white text looks on a background with the Hex color 232A20.

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
232A20

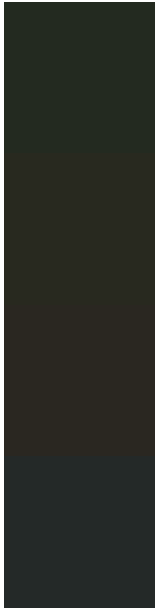
Protanopia
2B281F

Deuteranopia
2E2621



Tritanopia
25282C

Trichromacy



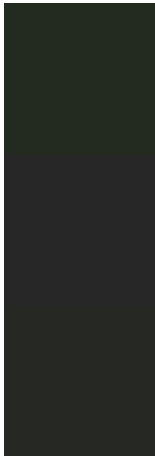
Original Color
232A20

Protanomaly
28291F

Deuteranomaly
2A2721

Tritanomaly
242928

Monochromacy



Original Color
232A20

Achromatopsia
272727

Achromatomaly
262824

CSS Examples

Text

The CSS property to change the color of the text to Hex 232A20 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 #232A20 looks like.

```
.text, #text, p{  
    color:#232A20  
}
```

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 #232A20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232A20
}
```

Border

The CSS property to change the border of an element to Hex 232A20 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
#232A20 }
```

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

```
.border{ border-color:#232A20 }
```

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

Here you see how a box with a 4 pixel #232A20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232A20; -webkit-box-shadow:4px 4px  
4px 4px #232A20; box-shadow:4px 4px 4px  
4px #232A20 }
```

Background

The CSS property to change the background color of an element to Hex 232A20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232A20 }
```

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

```
.background{ background-color:#232A20 }
```

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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