

Converting Colors

Hex(22352C)

Have a look what the booklet for
Hex(22352C) contains.

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Color

Hex(22352C)

Conversions

Conversions Part 1

Format	Color
Hex	22352C
RGB	34, 53, 44
RGB Percent	13%, 21%, 17%
CMY	0.8667, 0.7922, 0.8275
CMYK	0.36, 0.00, 0.17, 0.79
HSL	152°, 22%, 17%
HSV	152°, 36%, 21%
XYZ	2.3874, 3.0681, 2.8493
YIQ	46.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

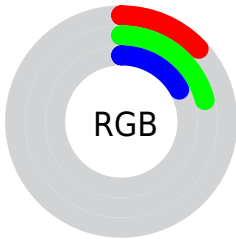
Format	Color
R_{YB}	34, 46, 53
Decimal	2241836
CIE _{Lab}	20.31, -10.10, 3.23
CIE _{LCh}	20, 10.603, 162.240
Yxy	3.0681, 0.2875, 0.3694
Android (android.graphics.Color)	4280431916 (0xFF22352C)
YUV	46.2930, -1.1304, -10.7810
Hunter-Lab	17.5161, -6.3239, 2.6169

Details

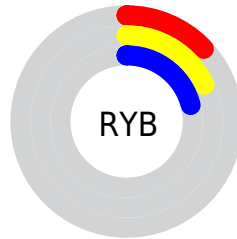
The Hex color **22352C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **35222B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4F6459**, and **000200** is the 20% darker color. If you saturate the color by 10%, you get **1D3529**, and if you desaturate by 10%, it is **27352F**.

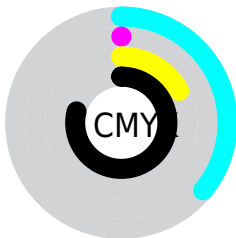
Distribution



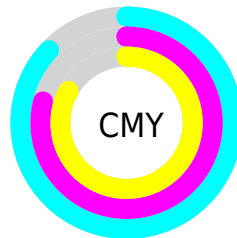
- Red (13%)
- Green (21%)
- Blue (17%)



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



- Cyan (36%)
- Magenta (0%)
- Yellow (17%)
- Black (79%)



- Cyan (87%)
- Magenta (79%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22352C 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 22352C by changing the saturation by 10% instead.

■ 22352C

■ 22352C

FFFFFF

■ 0D2017

■ 4F6459

■ 000200

■ 677D72

■ 000000

■ 80978B

■ 9BB1A6

■ B5CDC1

■ D1E9DD

■ EDFFF9

■ 22352C

■ 22352C

■ 1D3529

■ 27352F

■ 173527

■ 2D3531

■ 123524

■ 323534

■ 0D3522

■ 373536

■ 07351F

■ 3D3539

■ 02351D

■ 42353B

■ 00351C

■ 47353E

■ 4C3540

■ 523543

Harmonies

Analogous

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



2B3425



22352C



1B3534

Triad

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



22352C



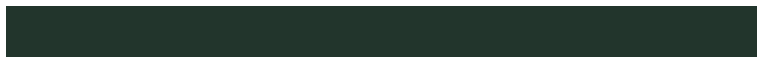
2C3140



402D27

Complementary

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



22352C



35222B

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.



412B2E



22352C



362E3D

Square

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



22352C



213340



3E2C36



3B2F22

Rectangle

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



22352C



1A3539



3E2C36



402C29

Sweetspot

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



22352C



3D4541



2B3522



1F2422



A3A3A3



242424

Same Dimension

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



22352C



274537



223535



171A18



00592F



00D972

Inverse Universe

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



35222B



452735



352222



1A1718



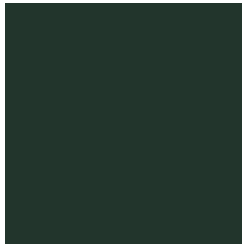
59002A



D90067

Previews

White Background



This preview shows how the Hex color 22352C looks on a white background.

Color Contrast Check

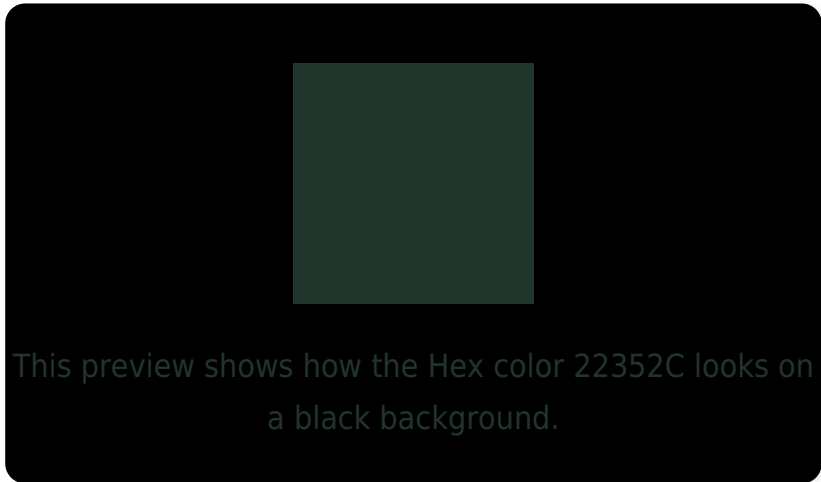
Large Text (above 18pt) WCAG AA ✓ Pass

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

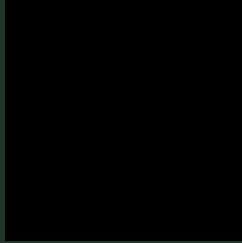
Any Text WCAG AA × Fail

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 22352C Background



This preview shows how black text looks on a background with the Hex color 22352C.



This preview shows how white text looks on a background with the Hex color 22352C.

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](#).

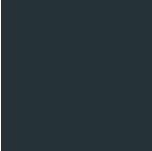
Dichromacy



Original Color
22352C

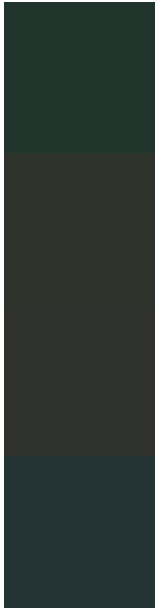
Protanopia
33312A

Deuteranopia
372F2D



Tritanopia
253338

Trichromacy



Original Color
22352C

Protanomaly
2D322B

Deuteranomaly
2F312D

Tritanomaly
243434

Monochromacy



Original Color
22352C

Achromatopsia
2E2E2E

Achromatomaly
2A312D

CSS Examples

Text

The CSS property to change the color of the text to Hex 22352C 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 #22352C looks like.

```
.text, #text, p{  
    color:#22352C  
}
```

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 #22352C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22352C
}
```

Border

The CSS property to change the border of an element to Hex 22352C is called "border". The border property can be set on classes, ids or directly on the HTML element.

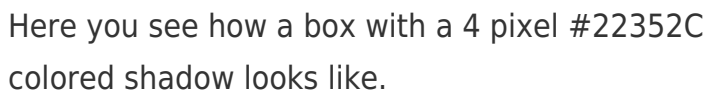
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22352C }
```

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

```
.border{ border-color:#22352C }
```

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



Here you see how a box with a 4 pixel #22352C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22352C; -webkit-box-shadow:4px 4px  
4px 4px #22352C; box-shadow:4px 4px 4px  
4px #22352C }
```

Background

The CSS property to change the background color of an element to Hex 22352C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22352C }
```

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

```
.background{ background-color:#22352C }
```

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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