

Converting Colors

Hex(2C3210)

Have a look what the booklet for
Hex(2C3210) contains.

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Color

Hex(2C3210)

Conversions

Conversions Part 1

Format	Color
Hex	2C3210
RGB	44, 50, 16
RGB Percent	17%, 20%, 6%
CMY	0.8275, 0.8039, 0.9373
CMYK	0.12, 0.00, 0.68, 0.80
HSL	71°, 52%, 13%
HSV	71°, 68%, 20%
XYZ	2.2728, 2.8541, 0.9213
YIQ	44.3300, 7.3380, -11.8460

Conversions

Conversions Part 2

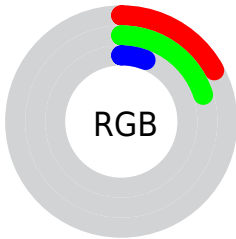
Format	Color
R_{YB}	16, 50, 22
Decimal	2896400
CIE Lab	19.45, -8.75, 20.36
CIE LCh	19, 22.157, 113.262
Yxy	2.8541, 0.3758, 0.4719
Android (android.graphics.Color)	4281086480 (0xFF2C3210)
YUV	44.3300, -13.9667, -0.2894
Hunter-Lab	16.8940, -5.5501, 8.5925

Details

The Hex color **2C3210** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **161032**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5B603B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B320B**, and if you desaturate by 10%, it is **2D3215**.

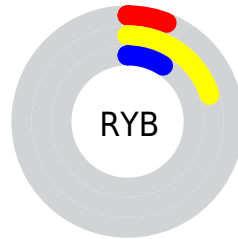
Distribution



Red (17%)

Green (20%)

Blue (6%)



Red (6%)

Yellow (20%)

Blue (9%)

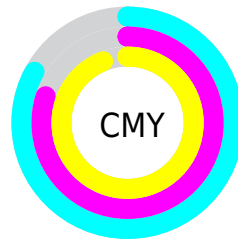


Cyan (12%)

Magenta (0%)

Yellow (68%)

Black (80%)



Cyan (83%)

Magenta (80%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3210 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 2C3210 by changing the saturation by 10% instead.

 2C3210

 2C3210

 FFFFF2

 181D00

 5B603B

 000000

 747953

 8D936B

 A8AD84

 C4C99F

 E0E5BA

 FCFFD6

 2C3210

 2C3210

■ 2B320B

■ 2D3215

■ 2A3206

■ 2E321A

■ 293201

■ 2F321F

■ 293200

■ 303224

■ 303229

■ 31322E

■ 323233

■ 333238

■ 34323D

Harmonies

Analogous

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



3C2D0E



2C3210



18351B

Triad

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



2C3210



003649



4B2233

Complementary

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



2C3210



161032

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.



3F2643



2C3210



02324F

Square

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



2C3210



00373B



2A2C4D



4D2223

Rectangle

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



2C3210



043725



2A2C4D



482339

Sweetspot

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



2C3210



3D4033



321610



202119



A1A1A1



212121

Same Dimension

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



2C3210



37400B



1B3210



191A17



495900



B2D900

Inverse Universe

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



161032



150B40



271032



17171A



100059



2600D9

Previews

White Background



This preview shows how the Hex color 2C3210 looks on a white background.

Color Contrast Check

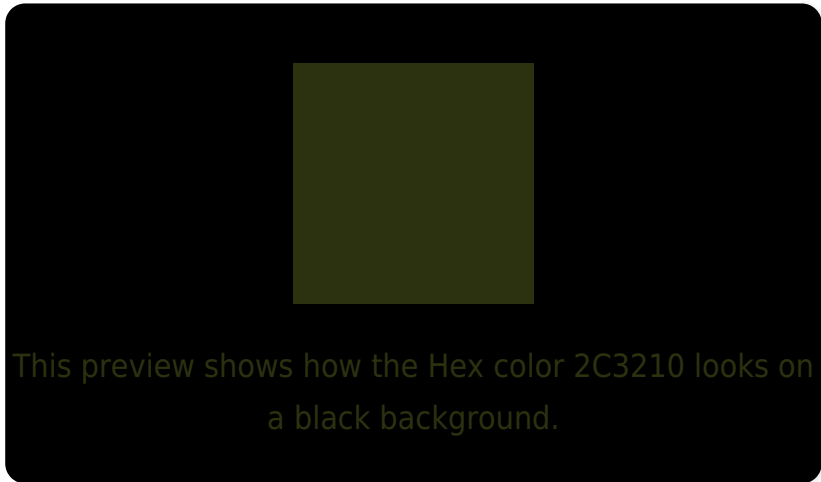
Large Text (above 18pt) WCAG AA ✓ Pass

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

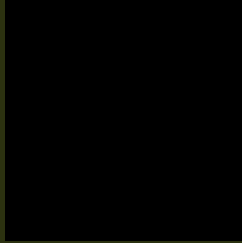
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

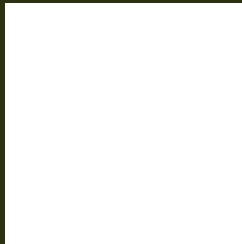
Any Text WCAG AAA × Fail

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

Hex 2C3210 Background



This preview shows how black text looks on a background with the Hex color 2C3210.



This preview shows how white text looks on a background with the Hex color 2C3210.

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
2C3210

Protanopia
352F0F

Deuteranopia
3B2D12



Tritanopia
302F32

Trichromacy



Original Color
2C3210

Protanomaly
32300F

Deuteranomaly
362F11

Tritanomaly
2F3026

Monochromacy



Original Color
2C3210

Achromatopsia
2C2C2C

Achromatomaly
2C2E22

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3210 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 #2C3210 looks like.

```
.text, #text, p{  
    color:#2C3210  
}
```

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 #2C3210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3210
}
```

Border

The CSS property to change the border of an element to Hex 2C3210 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
#2C3210 }
```

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

```
.border{ border-color:#2C3210 }
```

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

Here you see how a box with a 4 pixel #2C3210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3210; -webkit-box-shadow:4px 4px  
4px 4px #2C3210; box-shadow:4px 4px 4px  
4px #2C3210 }
```

Background

The CSS property to change the background color of an element to Hex 2C3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3210 }
```

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

```
.background{ background-color:#2C3210 }
```

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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