

Converting Colors

Hex(2C4228)

Have a look what the booklet for
Hex(2C4228) contains.

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Color

Hex(2C4228)

Conversions

Conversions Part 1

Format	Color
Hex	2C4228
RGB	44, 66, 40
RGB Percent	17%, 26%, 16%
CMY	0.8275, 0.7412, 0.8431
CMYK	0.33, 0.00, 0.39, 0.74
HSL	111°, 25%, 21%
HSV	111°, 39%, 26%
XYZ	3.3699, 4.5851, 2.7149
YIQ	56.4580, -4.7660, -12.7500

Conversions

Conversions Part 2

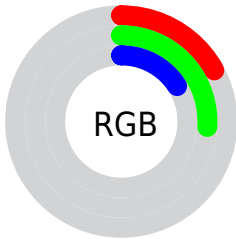
Format	Color
R_{YB}	40, 66, 62
Decimal	2900520
CIE _{Lab}	25.52, -14.70, 13.15
CIE _{LCh}	26, 19.726, 138.174
Yxy	4.5851, 0.3158, 0.4297
Android (android.graphics.Color)	4281090600 (0xFF2C4228)
YUV	56.4580, -8.1138, -10.9257
Hunter-Lab	21.4129, -9.3804, 7.4718

Details

The Hex color **2C4228** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3E2842**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5B7255**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **264221**, and if you desaturate by 10%, it is **32422F**.

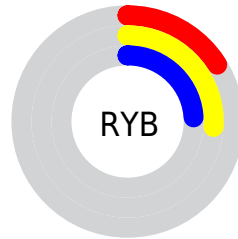
Distribution



Red (17%)

Green (26%)

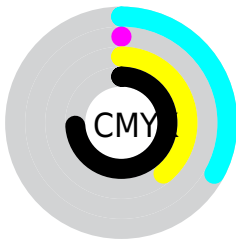
Blue (16%)



Red (16%)

Yellow (26%)

Blue (24%)

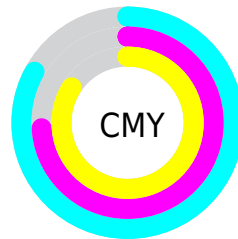


Cyan (33%)

Magenta (0%)

Yellow (39%)

Black (74%)



Cyan (83%)

Magenta (74%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4228 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 2C4228 by changing the saturation by 10% instead.

 2C4228

 2C4228

FFFFFF

 162C13

 5B7255

 001800

 738C6E

 000000

 8DA687

 A8C1A1

 C3DDBC

 DFFAD8

 FCFF5

 2C4228

 2C4228

■ 264221

■ 32422F

■ 21421B

■ 374235

■ 1B4214

■ 3D423C

■ 16420E

■ 424242

■ 104207

■ 484249

■ 0A4200

■ 4E4250

■ 534256

■ 59425D

■ 5E4263

Harmonies

Analogous

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



3D3E1F



2C4228



184436

Triad

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



2C4228



1A4059



593134

Complementary

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



2C4228



3E2842

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.



563143



2C4228



353B59

Square

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



2C4228



004352



493551



553427

Rectangle

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



2C4228



054440



493551



593139

Sweetspot

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



2C4228



4E574C



423E28



262B25



ABABAB



2B2B2B

Same Dimension

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



2C4228



34572E



284231



1E211E



0F6100



23E000

Inverse Universe

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



3E2842



502E57



422839



211E21



520061



BE00E0

Previews

White Background



This preview shows how the Hex color 2C4228 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

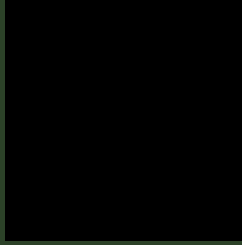
Any Text WCAG AA × Fail

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 2C4228 Background



This preview shows how black text looks on a background with the Hex color 2C4228.



This preview shows how white text looks on a background with the Hex color 2C4228.

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
2C4228

Protanopia
423C26

Deuteranopia
483A2A



Tritanopia
313F44

Trichromacy



Original Color
2C4228

Protanomaly
3A3E27

Deuteranomaly
3E3D29

Tritanomaly
2F403A

Monochromacy



Original Color
2C4228

Achromatopsia
383838

Achromatomaly
343C32

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4228 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 #2C4228 looks like.

```
.text, #text, p{  
    color:#2C4228  
}
```

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 #2C4228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4228
}
```

Border

The CSS property to change the border of an element to Hex 2C4228 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
#2C4228 }
```

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

```
.border{ border-color:#2C4228 }
```

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

Here you see how a box with a 4 pixel #2C4228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4228; -webkit-box-shadow:4px 4px  
4px 4px #2C4228; box-shadow:4px 4px 4px  
4px #2C4228 }
```

Background

The CSS property to change the background color of an element to Hex 2C4228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4228 }
```

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

```
.background{ background-color:#2C4228 }
```

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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