

Converting Colors

Hex(2A2C07)

Have a look what the booklet for
Hex(2A2C07) contains.

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Color

Hex(2A2C07)

Conversions

Conversions Part 1

Format	Color
Hex	2A2C07
RGB	42, 44, 7
RGB Percent	16%, 17%, 3%
CMY	0.8353, 0.8275, 0.9725
CMYK	0.05, 0.00, 0.84, 0.83
HSL	63°, 73%, 10%
HSV	63°, 84%, 17%
XYZ	1.8939, 2.3089, 0.5469
YIQ	39.1840, 10.6850, -11.9310

Conversions

Conversions Part 2

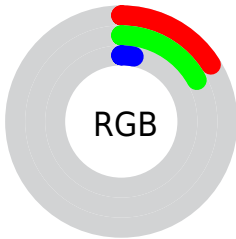
Format	Color
R_{YB}	7, 44, 9
Decimal	2763783
CIE Lab	17.03, -6.82, 21.54
CIE LCh	17, 22.598, 107.578
Yxy	2.3089, 0.3987, 0.4861
Android (android.graphics.Color)	4280953863 (0xFF2A2C07)
YUV	39.1840, -15.8667, 2.4696
Hunter-Lab	15.1952, -4.3440, 8.5028

Details

The Hex color **2A2C07** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **09072C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **585934**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A2C03**, and if you desaturate by 10%, it is **2A2C0B**.

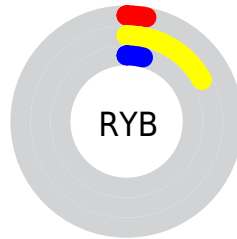
Distribution



Red (16%)

Green (17%)

Blue (3%)



Red (3%)

Yellow (17%)

Blue (4%)

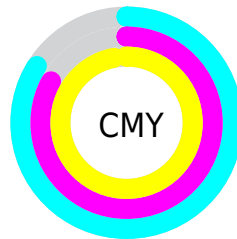


Cyan (5%)

Magenta (0%)

Yellow (84%)

Black (83%)



Cyan (84%)

Magenta (83%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2C07 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 2A2C07 by changing the saturation by 10% instead.

 2A2C07


 2A2C07

 FFFFE9

 131800

 585934

 000000

 71724B

 8B8B63

 A6A67C

 C1C196

 DDDDB1

 FAF9CD

 2A2C07

 2A2C07

■ 2A2C03

■ 2A2C0B

■ 2A2C00

■ 2A2C10

■ 2B2C14

■ 2B2C19

■ 2B2C1D

■ 2B2C21

■ 2C2C26

■ 2C2C2A

■ 2C2C2F

Harmonies

Analogous

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



392707



2A2C07



173013

Triad

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



2A2C07



003141



441C31

Complementary

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



2A2C07



09072C

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.



372240



2A2C07



002E49

Square

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



2A2C07



003233



1F2849



481C21

Rectangle

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



2A2C07



03311D



1F2849



411E37

Sweetspot

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



2A2C07



37382A



2C0907



1C1C14



9C9C9C



1C1C1C

Same Dimension

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



2A2C07



353800



182C07



171715



525700



CBD600

Inverse Universe

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



09072C



030038



1B072C



151517



050057



0C00D6

Previews

White Background



This preview shows how the Hex color 2A2C07 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

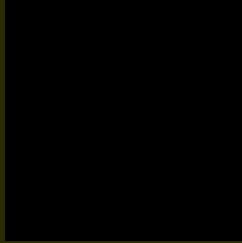
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

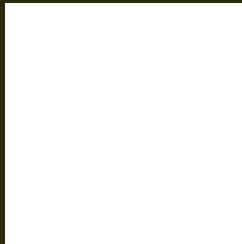
Any Text WCAG AAA × Fail

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

Hex 2A2C07 Background



This preview shows how black text looks on a background with the Hex color 2A2C07.

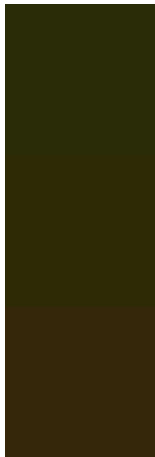


This preview shows how white text looks on a background with the Hex color 2A2C07.

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
2A2C07

Protanopia
2F2A06

Deuteranopia
35280A

Trichromacy



Original Color
2A2C07

Protanomaly
2D2B06

Deuteranomaly
312909

Tritanomaly
2C2A1F

Monochromacy



Original Color
2A2C07

Achromatopsia
272727

Achromatomaly
28291B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2C07 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 #2A2C07 looks like.

```
.text, #text, p{  
    color:#2A2C07  
}
```

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 #2A2C07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2C07
}
```

Border

The CSS property to change the border of an element to Hex 2A2C07 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".

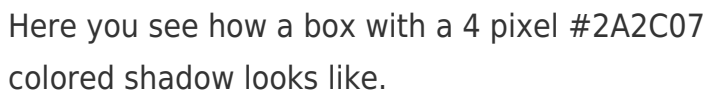
```
.border, #border, table{ border:4px solid
#2A2C07 }
```

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

```
.border{ border-color:#2A2C07 }
```

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

Here you see how a box with a 4 pixel #2A2C07 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2C07; -webkit-box-shadow:4px 4px  
4px 4px #2A2C07; box-shadow:4px 4px 4px  
4px #2A2C07 }
```

Background

The CSS property to change the background color of an element to Hex 2A2C07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2C07 }
```

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

```
.background{ background-color:#2A2C07 }
```

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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