

Converting Colors

Hex(3C2D07)

Have a look what the booklet for
Hex(3C2D07) contains.

Hex(3C2D07)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C2D07)

Conversions

Conversions Part 1

Format	Color
Hex	3C2D07
RGB	60, 45, 7
RGB Percent	24%, 18%, 3%
CMY	0.7647, 0.8235, 0.9725
CMYK	0.00, 0.25, 0.88, 0.76
HSL	43°, 79%, 13%
HSV	43°, 88%, 24%
XYZ	2.8402, 2.8528, 0.6020
YIQ	45.1530, 21.1380, -8.6380

Conversions

Conversions Part 2

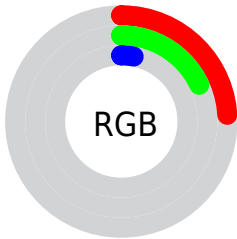
Format	Color
RYB	28, 60, 7
Decimal	3943687
CIELab	19.44, 2.38, 24.91
CIELCh	19, 25.028, 84.542
Yxy	2.8528, 0.4512, 0.4532
Android (android.graphics.Color)	4282133767 (0xFF3C2D07)
YUV	45.1530, -18.8094, 13.0208
Hunter-Lab	16.8901, 0.4585, 9.7100

Details

The Hex color **3C2D07** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **07163C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6E5A34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C2B01**, and if you desaturate by 10%, it is **3C2F0D**.

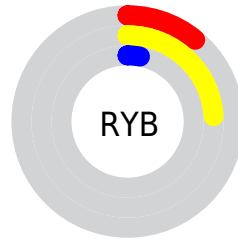
Distribution



Red (24%)

Green (18%)

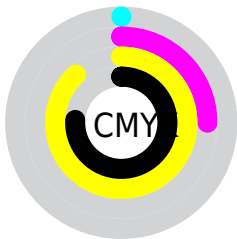
Blue (3%)



Red (11%)

Yellow (24%)

Blue (3%)

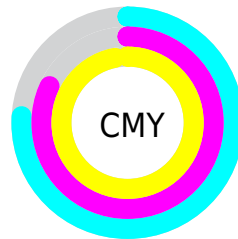


Cyan (0%)

Magenta (25%)

Yellow (88%)

Black (76%)



Cyan (76%)

Magenta (82%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C2D07 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 3C2D07 by changing the saturation by 10% instead.

 3C2D07

 3C2D07

 FFFFE9

 251900

 6E5A34

 000000

 88734B

 A38C63

 BEA77D

 DAC297

 F7DEB2

 FFFACD

 3C2D07

 3C2D07

■ 3C2B01

■ 3C2F0D

■ 3C2B00

■ 3C3013

■ 3C3219

■ 3C341F

■ 3C3525

■ 3C372B

■ 3C3931

■ 3C3B37

■ 3C3C3D

Harmonies

Analogous

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



492612



3C2D07



2A330B

Triad

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



3C2D07



00383E



422444

Complementary

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



3C2D07



07163C

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.



2A2C50



3C2D07



00364C

Square

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



3C2D07



00382B



003253



4E1F33

Rectangle

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



3C2D07



1C3514



003253



3C2749

Sweetspot

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



3C2D07



4F493A



3C0716



29251C



A8A8A8



292929

Same Dimension

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



3C2D07



4F3900



313C07



1F1E1C



5E4400



DE9F00

Inverse Universe

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



07163C



00164F



12073C



1C1C1F



001B5E



003FDE

Previews

White Background



This preview shows how the Hex color 3C2D07 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

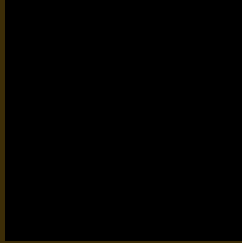
Any Text WCAG AA × Fail

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 3C2D07 Background



This preview shows how black text looks on a background with the Hex color 3C2D07.



This preview shows how white text looks on a background with the Hex color 3C2D07.

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](#).

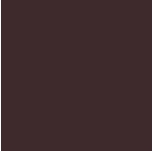
Dichromacy



Original Color
3C2D07

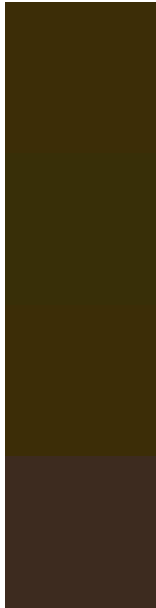
Protanopia
353008

Deuteranopia
3C2D07



Tritanopia
3E2A2D

Trichromacy



Original Color
3C2D07

Protanomaly
382F08

Deuteranomaly
3C2D07

Tritanomaly
3D2B1F

Monochromacy



Original Color
3C2D07

Achromatopsia
2D2D2D

Achromatomaly
322D1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C2D07 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 #3C2D07 looks like.

```
.text, #text, p{  
    color:#3C2D07  
}
```

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 #3C2D07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C2D07
}
```

Border

The CSS property to change the border of an element to Hex 3C2D07 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
#3C2D07 }
```

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

```
.border{ border-color:#3C2D07 }
```

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

Here you see how a box with a 4 pixel #3C2D07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C2D07; -webkit-box-shadow:4px 4px  
4px 4px #3C2D07; box-shadow:4px 4px 4px  
4px #3C2D07 }
```

Background

The CSS property to change the background color of an element to Hex 3C2D07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C2D07 }
```

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

```
.background{ background-color:#3C2D07 }
```

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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