

Converting Colors

Hex(2F0505)

Have a look what the booklet for
Hex(2F0505) contains.

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Color

Hex(2F0505)

Conversions

Conversions Part 1

Format	Color
Hex	2F0505
RGB	47, 5, 5
RGB Percent	18%, 2%, 2%
CMY	0.8157, 0.9804, 0.9804
CMYK	0.00, 0.89, 0.89, 0.82
HSL	0°, 81%, 10%
HSV	0°, 89%, 18%
XYZ	1.2540, 0.7238, 0.2172
YIQ	17.5580, 25.0320, 8.9040

Conversions

Conversions Part 2

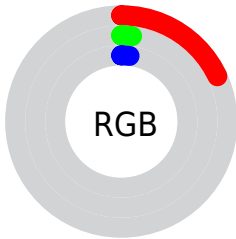
Format	Color
RYB	47, 5, 5
Decimal	3081477
CIELab	6.54, 21.00, 8.17
CIElCh	7, 22.530, 21.252
Yxy	0.7238, 0.5713, 0.3298
Android (android.graphics.Color)	4281271557 (0xFF2F0505)
YUV	17.5580, -6.1911, 25.8206
Hunter-Lab	8.5079, 11.4200, 4.4418

Details

The Hex color **2F0505** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **052F2F**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5F3133**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F0000**, and if you desaturate by 10%, it is **2F0A0A**.

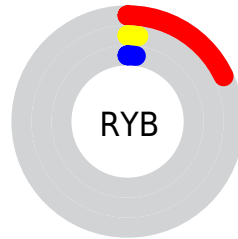
Distribution



Red (18%)

Green (2%)

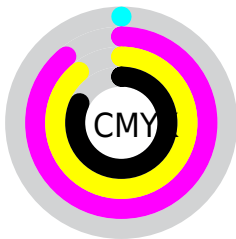
Blue (2%)



Red (18%)

Yellow (2%)

Blue (2%)

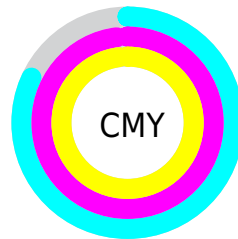


Cyan (0%)

Magenta (89%)

Yellow (89%)

Black (82%)



Cyan (82%)

Magenta (98%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0505 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 2F0505 by changing the saturation by 10% instead.

 2F0505

 2F0505

 FFE6E6

 0F0000

 5F3133

 000000

 79494A

 946161

 AF7A7A

 CB9494

 E8AFAF

 FFCACA

 2F0505

 2F0505

■ 2F0000

■ 2F0A0A

■ 2F0E0E

■ 2F1313

■ 2F1818

■ 2F1C1C

■ 2F2121

■ 2F2626

■ 2F2B2B

■ 2F2F2F

Harmonies

Analogous

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



2C051A



2F0505



2A0B00

Triad

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



2F0505



001B00



001832

Complementary

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



2F0505



052F2F

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.



001B2B



2F0505



001D0E

Square

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



2F0505



0F1700



001D1F



0A1230

Rectangle

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



2F0505



231000



001D1F



001931

Sweetspot

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



2F0505



3D2D2D



2F052F



1F1515



9E9E9E



1F1F1F

Same Dimension

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



2F0505



3D0000



2F1A05



171515



570000



D60000

Inverse Universe

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



052F2F



003D3D



051A2F



151717



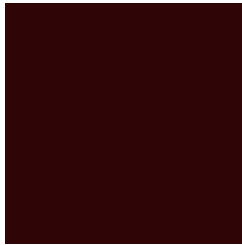
005757



00D6D6

Previews

White Background



This preview shows how the Hex color 2F0505 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

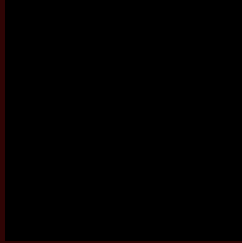
Any Text WCAG AA × Fail

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 2F0505 Background



This preview shows how black text looks on a background with the Hex color 2F0505.

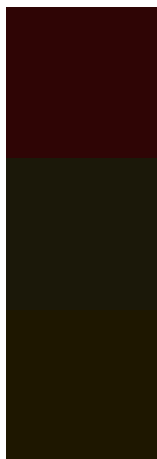


This preview shows how white text looks on a background with the Hex color 2F0505.

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
2F0505

Protanopia
1B1809

Deuteranopia
1E1700



Tritanopia
2F0504

Trichromacy



Original Color

2F0505

Protanomaly

221108

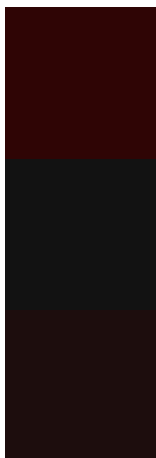
Deuteranomaly

241002

Tritanomaly

2F0504

Monochromacy



Original Color

2F0505

Achromatopsia

121212

Achromatomaly

1D0D0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0505 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 #2F0505 looks like.

```
.text, #text, p{  
    color:#2F0505  
}
```

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 #2F0505 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0505
}
```

Border

The CSS property to change the border of an element to Hex 2F0505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

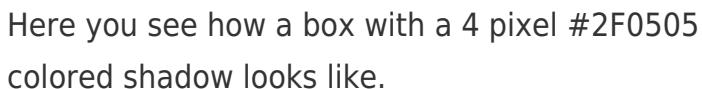
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F0505 }
```

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

```
.border{ border-color:#2F0505 }
```

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



Here you see how a box with a 4 pixel #2F0505 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0505; -webkit-box-shadow:4px 4px  
4px 4px #2F0505; box-shadow:4px 4px 4px  
4px #2F0505 }
```

Background

The CSS property to change the background color of an element to Hex 2F0505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0505 }
```

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

```
.background{ background-color:#2F0505 }
```

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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