

Converting Colors

Hex(FA2E05)

Have a look what the booklet for
Hex(FA2E05) contains.

Hex(FA2E05)	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(FA2E05)

Conversions

Conversions Part 1

Format	Color
Hex	FA2E05
RGB	250, 46, 5
RGB Percent	98%, 18%, 2%
CMY	0.0196, 0.8196, 0.9804
CMYK	0.00, 0.82, 0.98, 0.02
HSL	10°, 96%, 50%
HSV	10°, 98%, 98%
XYZ	40.4287, 22.2889, 2.3149
YIQ	102.3220, 134.7450, 30.4970

Conversions

Conversions Part 2

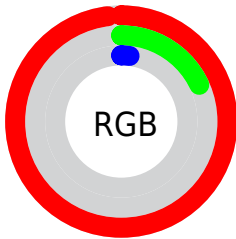
Format	Color
RYB	250, 54, 5
Decimal	16395781
CIELab	54.33, 72.87, 65.86
CIELCh	54, 98.221, 42.105
Yxy	22.2889, 0.6217, 0.3427
Android (android.graphics.Color)	4294585861 (0xFFFA2E05)
YUV	102.3220, -47.9797, 129.5136
Hunter-Lab	47.2112, 70.2369, 30.1406

Details

The Hex color **FA2E05** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **05D1FA**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF703F**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **FA2A00**, and if you desaturate by 10%, it is **FA431E**.

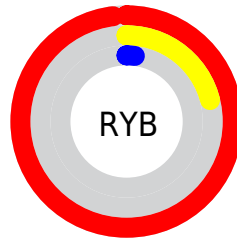
Distribution



Red (98%)

Green (18%)

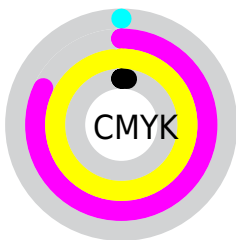
Blue (2%)



Red (98%)

Yellow (21%)

Blue (2%)

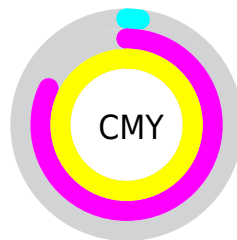


Cyan (0%)

Magenta (82%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (82%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA2E05 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 FA2E05 by changing the saturation by 10% instead.

 FA2E05

 FA2E05

FFFFFFE

 D80000

 FF703F

 B70000

 FF8E59

 960000

 FFAB73

 760000

 FFC98E

 570003

 FFE7A9

 380002

 FFFFC5

 0E0000

 FFFFE1

 000000

 FA2E05

 FA2E05

■ FA2A00

■ FA431E

■ FA5837

■ FA6C50

■ FA8169

■ FA9682

■ FAAB9B

■ FAC0B4

■ FAD5CD

■ FAE9E6

Harmonies

Analogous

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



FF0064



FA2E05



C76A00

Triad

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



FA2E05



00A149



0083FF

Complementary

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



FA2E05



05D1FA

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.



009AFF



FA2E05



00A4A4

Square

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



FA2E05



009900



00A3F4



A954FF

Rectangle

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



FA2E05



998100



00A3F4



008DFF

Sweetspot

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



FA2E05



FFC1B5



FA05D1



805A53



000000



808080

Same Dimension

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



FA2E05



FF2B00



FAA805



7D7370



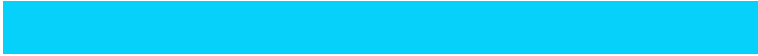
BD2000



3D0A00

Inverse Universe

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



05D1FA



00D4FF



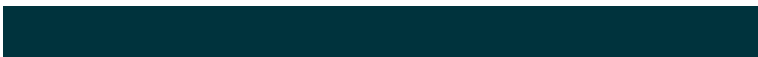
0557FA



707B7D



009DBD



00333D

Previews

White Background



This preview shows how the Hex color FA2E05 looks on a white background.

Color Contrast Check

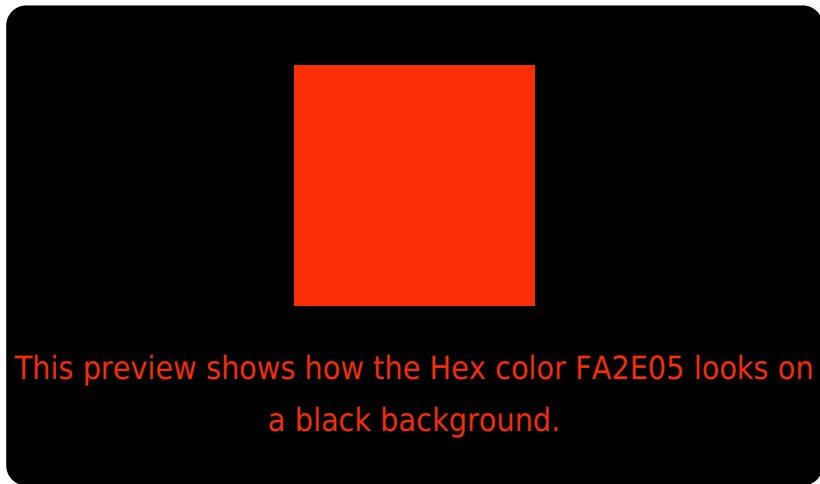
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex FA2E05 Background



This preview shows how black text looks on a background with the Hex color FA2E05.



This preview shows how white text looks on a background with the Hex color FA2E05.

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
FA2E05

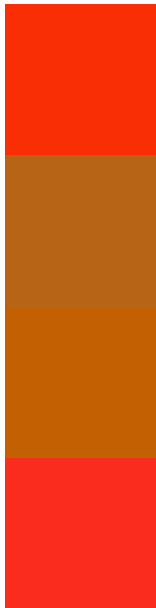
Protanopia
93831F

Deuteranopia
A47C00



Tritanopia
FA2B2A

Trichromacy



Original Color
FA2E05

Protanomaly
B86416

Deuteranomaly
C36002

Tritanomaly
FA2C1D

Monochromacy



Original Color
FA2E05

Achromatopsia
666666

Achromatomaly
9C5243

CSS Examples

Text

The CSS property to change the color of the text to Hex FA2E05 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 #FA2E05 looks like.

```
.text, #text, p{  
    color:#FA2E05  
}
```

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 #FA2E05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA2E05
}
```

Border

The CSS property to change the border of an element to Hex FA2E05 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".

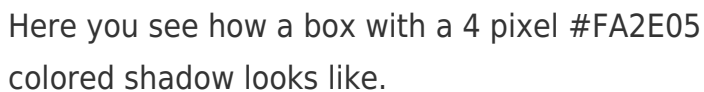
```
.border, #border, table{ border:4px solid
#FA2E05 }
```

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

```
.border{ border-color:#FA2E05 }
```

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

Here you see how a box with a 4 pixel #FA2E05 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA2E05; -webkit-box-shadow:4px 4px  
4px 4px #FA2E05; box-shadow:4px 4px 4px  
4px #FA2E05 }
```

Background

The CSS property to change the background color of an element to Hex FA2E05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA2E05 }
```

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

```
.background{ background-color:#FA2E05 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor