

Converting Colors

Hex(FF740B)

Have a look what the booklet for
Hex(FF740B) contains.

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Color

Hex(F7740B)

Conversions

Conversions Part 1

Format	Color
Hex	FF740B
RGB	255, 116, 11
RGB Percent	100%, 45%, 4%
CMY	0.0000, 0.5451, 0.9569
CMYK	0.00, 0.55, 0.96, 0.00
HSL	26°, 100%, 52%
HSV	26°, 96%, 100%
XYZ	47.5458, 33.7749, 4.3299
YIQ	145.5910, 116.5490, -3.1870

Conversions

Conversions Part 2

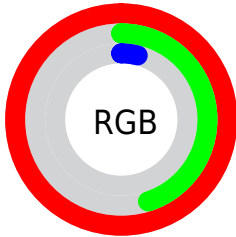
Format	Color
RYB	255, 195, 11
Decimal	16741387
CIELab	64.78, 48.71, 71.02
CIElCh	65, 86.115, 55.555
Yxy	33.7749, 0.5551, 0.3943
Android (android.graphics.Color)	4294931467 (0xFFFF740B)
YUV	145.5910, -66.3534, 95.9517
Hunter-Lab	58.1162, 44.3303, 36.2640

Details

The Hex color **FF740B** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **0B96FF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFAB4B**, and **BE3F00** is the 20% darker color. If you saturate the color by 10%, you get **FF6E00**, and if you desaturate by 10%, it is **FF8324**.

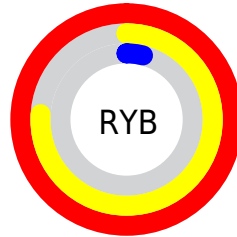
Distribution



Red (100%)

Green (45%)

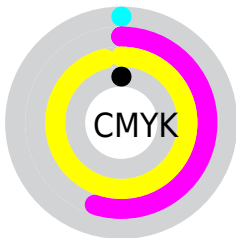
Blue (4%)



Red (100%)

Yellow (76%)

Blue (4%)

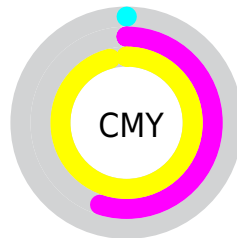


Cyan (0%)

Magenta (55%)

Yellow (96%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF740B 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 FF740B by changing the saturation by 10% instead.

 FF740B

 FF740B

FFFFFF

 DE5900

 FFAB4B

 BE3F00

 FFC766

 9E2200

 FFE481

 7F0000

 FFFF9D

 610000

 FFFFB9

 440000

 FFFFD5

 270001

 FFFFF2

 000000

 FF740B

 FF740B

 FF6E00

 FF8324

 FF913E

 FFA058

 FFAE71

 FFBD8B

 FFCBA4

 FFDABE

 FFE8D7

 FFF7F1

Harmonies

Analogous

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



FF4B60



FF740B



C79600

Triad

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



FF740B



00BE8F



7B8EFF

Complementary

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



FF740B



0B96FF

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.



00AAFF



FF740B



00BFDE

Square

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



FF740B



00B83D



00BAFF



ED64F6

Rectangle

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



FF740B



98A600



00BAFF



0099FF

Sweetspot

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



FF740B



FFD5B5



FF0B99



806653



000000



808080

Same Dimension

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



FF740B



FF6E00



FFEB0B



807873



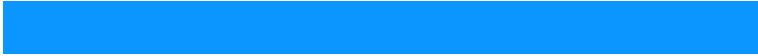
BF5200



401B00

Inverse Universe

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



0B96FF



0091FF



0B1FFF



737A80



006DBF



002440

Previews

White Background



This preview shows how the Hex color FF740B looks on a white background.

Color Contrast Check

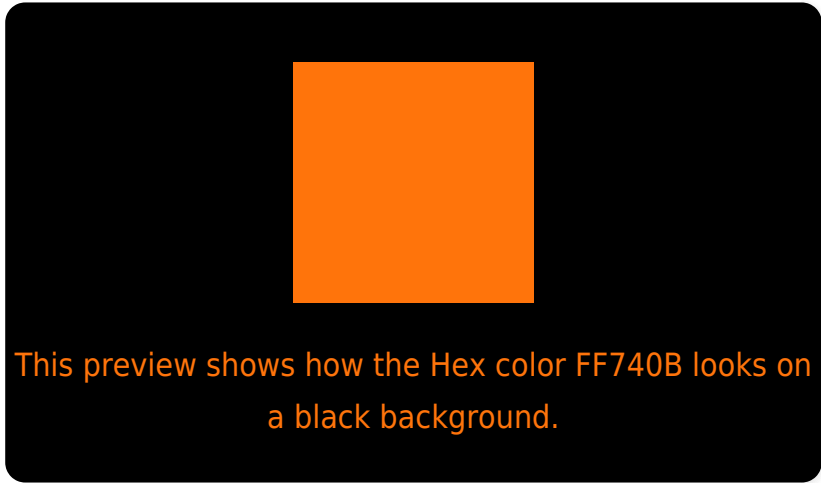
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex FF740B Background



This preview shows how black text looks on a background with the Hex color FF740B.



This preview shows how white text looks on a background with the Hex color FF740B.

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
FF740B

Protanopia
B29E1A

Deuteranopia
C79600



Tritanopia
FF6E75

Trichromacy



Original Color
FF740B

Protanomaly
CE8F15

Deuteranomaly
DB8A04

Tritanomaly
FF704E

Monochromacy



Original Color
FF740B

Achromatopsia
929292

Achromatomaly
BA8761

CSS Examples

Text

The CSS property to change the color of the text to Hex FF740B 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 #FF740B looks like.

```
.text, #text, p{  
    color:#FF740B  
}
```

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 #FF740B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF740B
}
```

Border

The CSS property to change the border of an element to Hex FF740B 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
#FF740B }
```

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

```
.border{ border-color:#FF740B }
```

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

Here you see how a box with a 4 pixel #FF740B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF740B; -webkit-box-shadow:4px 4px  
4px 4px #FF740B; box-shadow:4px 4px 4px  
4px #FF740B }
```

Background

The CSS property to change the background color of an element to Hex FF740B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF740B }
```

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

```
.background{ background-color:#FF740B }
```

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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