

Converting Colors

Hex(FF7223)

Have a look what the booklet for
Hex(FF7223) contains.

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Color

Hex(F77223)

Conversions

Conversions Part 1

Format	Color
Hex	FF7223
RGB	255, 114, 35
RGB Percent	100%, 45%, 14%
CMY	0.0000, 0.5529, 0.8627
CMYK	0.00, 0.55, 0.86, 0.00
HSL	22°, 100%, 57%
HSV	22°, 86%, 100%
XYZ	47.5607, 33.4160, 5.5333
YIQ	147.1530, 109.3950, 5.3230

Conversions

Conversions Part 2

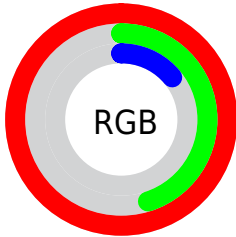
Format	Color
R_{YB}	255, 158, 35
Decimal	16740899
CIE _{Lab}	64.50, 49.99, 64.71
CIE _{LCh}	64, 81.765, 52.313
Yxy	33.4160, 0.5498, 0.3863
Android (android.graphics.Color)	4294930979 (0xFFFF7223)
YUV	147.1530, -55.2914, 94.5818
Hunter-Lab	57.8066, 45.7005, 34.7893

Details

The Hex color **FF7223** is a dark color, and the websafe version is hex **FF6600**. The color can be described as middle washed orange. A complement of this color would be **23B0FF**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA959**, and **BE3C00** is the 20% darker color. If you saturate the color by 10%, you get **FF6209**, and if you desaturate by 10%, it is **FF823C**.

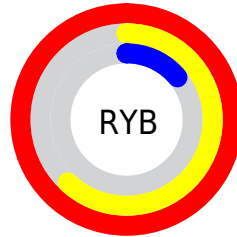
Distribution



Red (100%)

Green (45%)

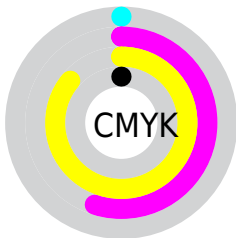
Blue (14%)



Red (100%)

Yellow (62%)

Blue (14%)

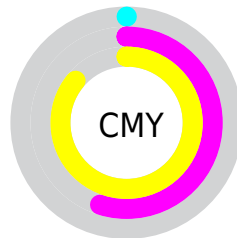


Cyan (0%)

Magenta (55%)

Yellow (86%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7223 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 FF7223 by changing the saturation by 10% instead.

 FF7223

 FF7223


FFFFFF

 DF5700

 FFA959

 BE3C00

 FFC573

 9F1F00

 FFE28E

 7F0000

 FFFFA9

 610000

 FFFFC6

 440000

 FFFF E2

 280001

 000000

 FF7223

 FF7223

■ FF6209

■ FF823C

■ FF5C00

■ FF9356

■ FFA36F

■ FFB389

■ FFC4A3

■ FFD4BC

■ FFE4D5

■ FFF5EF

FFFFFF

Harmonies

Analogous

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



FF4F6A



FF7223



CC9300

Triad

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



FF7223



00BC87



6B91FF

Complementary

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



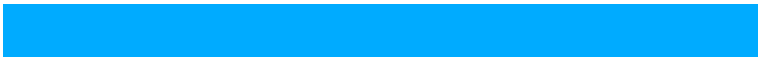
FF7223



23B0FF

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.



00ABFF



FF7223



00BDD2

Square

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



FF7223



00B63A



00B8FF



E06CF7

Rectangle

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



FF7223



A1A300



00B8FF



009BFF

Sweetspot

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



FF7223



FFD5BD



FF23B2



806658



000000



808080

Same Dimension

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



FF7223



FF5C00



FFDE23



807773



BF4500



401700

Inverse Universe

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



23B0FF



00A3FF



2344FF



737B80



007BBF



002940

Previews

White Background



This preview shows how the Hex color FF7223 looks on a white background.

Color Contrast Check

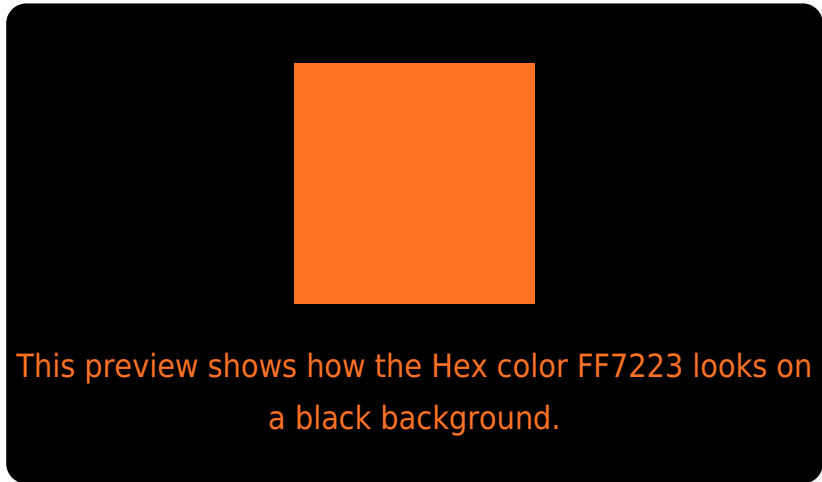
Large Text (above 18pt) WCAG AA × Fail

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 FF7223 Background



This preview shows how black text looks on a background with the Hex color FF7223.



This preview shows how white text looks on a background with the Hex color FF7223.

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
FF7223

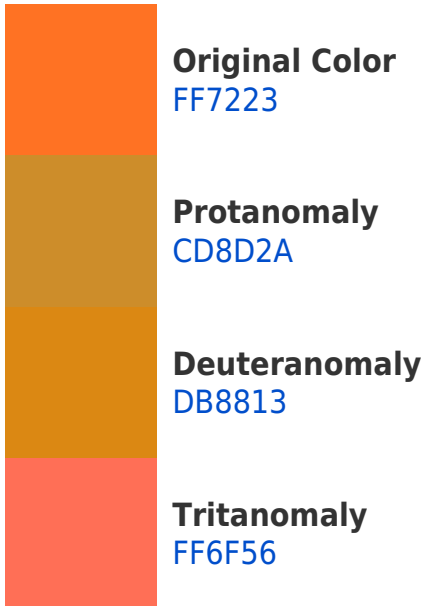
Protanopia
B09D2E

Deuteranopia
C6950A

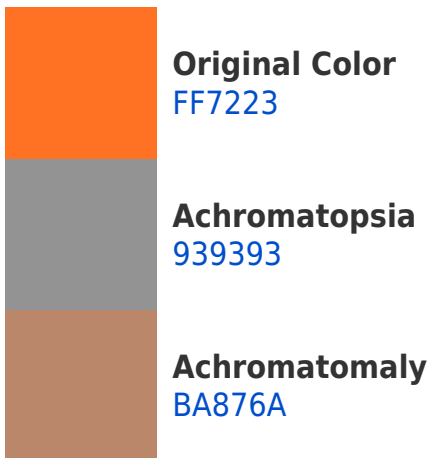


Tritanopia
FF6D73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF7223 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 #FF7223 looks like.

```
.text, #text, p{  
    color:#FF7223  
}
```

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 #FF7223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7223
}
```

Border

The CSS property to change the border of an element to Hex FF7223 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
#FF7223 }
```

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

```
.border{ border-color:#FF7223 }
```

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

Here you see how a box with a 4 pixel #FF7223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7223; -webkit-box-shadow:4px 4px  
4px 4px #FF7223; box-shadow:4px 4px 4px  
4px #FF7223 }
```

Background

The CSS property to change the background color of an element to Hex FF7223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7223 }
```

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

```
.background{ background-color:#FF7223 }
```

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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