

Converting Colors

Hex(FF3212)

Have a look what the booklet for
Hex(FF3212) contains.

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Color

Hex(FF3212)

Conversions

Conversions Part 1

Format	Color
Hex	FF3212
RGB	255, 50, 18
RGB Percent	100%, 20%, 7%
CMY	0.0000, 0.8039, 0.9294
CMYK	0.00, 0.80, 0.93, 0.00
HSL	8°, 100%, 54%
HSV	8°, 93%, 100%
XYZ	42.4898, 23.5849, 2.8851
YIQ	107.6470, 132.4520, 33.5080

Conversions

Conversions Part 2

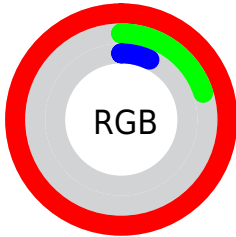
Format	Color
RYB	255, 55, 18
Decimal	16724498
CIELab	55.67, 73.39, 63.94
CIElCh	56, 97.340, 41.064
Yxy	23.5849, 0.6162, 0.3420
Android (android.graphics.Color)	4294914578 (0xFFFF3212)
YUV	107.6470, -44.1960, 129.2286
Hunter-Lab	48.5643, 71.1855, 30.4726

Details

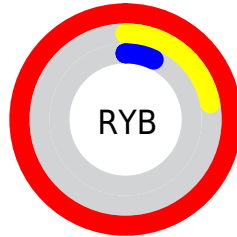
The Hex color **FF3212** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **12DFFF**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7347**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF2200**, and if you desaturate by 10%, it is **FF482C**.

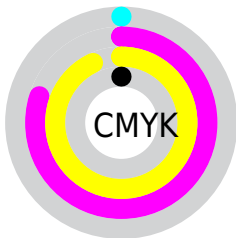
Distribution



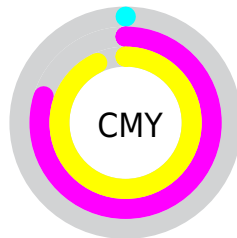
- Red (100%)
- Green (20%)
- Blue (7%)



- Red (100%)
- Yellow (22%)
- Blue (7%)



- Cyan (0%)
- Magenta (80%)
- Yellow (93%)
- Black (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3212 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 FF3212 by changing the saturation by 10% instead.

 FF3212

 FF3212

FFFFFF

 DD0000

 FF7347

 BC0000

 FF9160

 9B0000

 FFAF7A

 7B0000

 FFCD95

 5B0002

 FFEBB1

 3D0003

 FFFFCD

 180001

 FFFF9E

 000000

 FF3212

 FF3212

 FF2200

 FF482C

 FF5E45

 FF745F

 FF8A78

 FFA092

 FFB6AB

 FFCCC5

 FFE2DE

 FFF9F8

Harmonies

Analogous

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



FF006B



FF3212



CD6D00

Triad

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



FF3212



00A44A



0087FF

Complementary

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



FF3212



12DFFF

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.



009EFF



FF3212



00A7A4

Square

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



FF3212



009D00



00A6F4



A95BFF

Rectangle

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



FF3212



A08400



00A6F4



0091FF

Sweetspot

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



FF3212



FFC1B8



FF12DF



805A54



000000



808080

Same Dimension

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



FF3212



FF2200



FFA812



807473



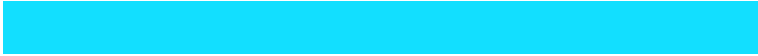
BF1A00



400900

Inverse Universe

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



12DFFF



00DDFF



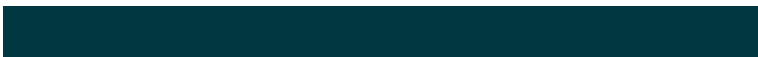
1269FF



737E80



00A5BF



003740

Previews

White Background



This preview shows how the Hex color FF3212 looks on a white background.

Color Contrast Check

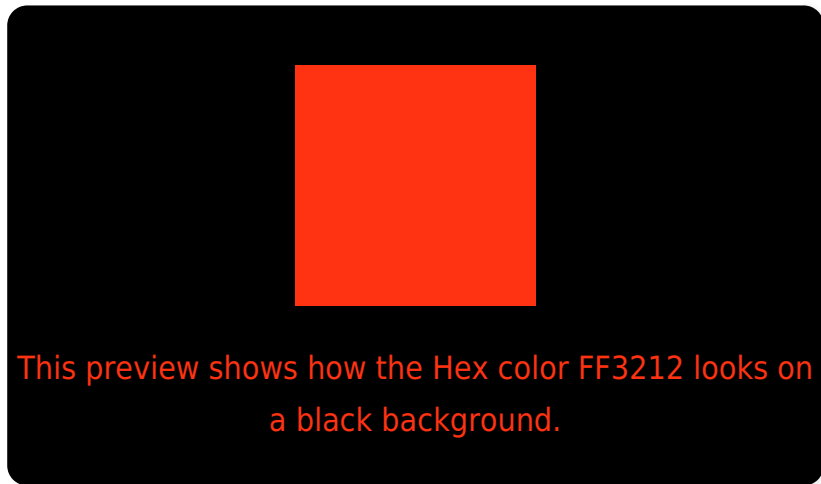
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3212 Background



This preview shows how black text looks on a background with the Hex color FF3212.



This preview shows how white text looks on a background with the Hex color FF3212.

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
FF3212

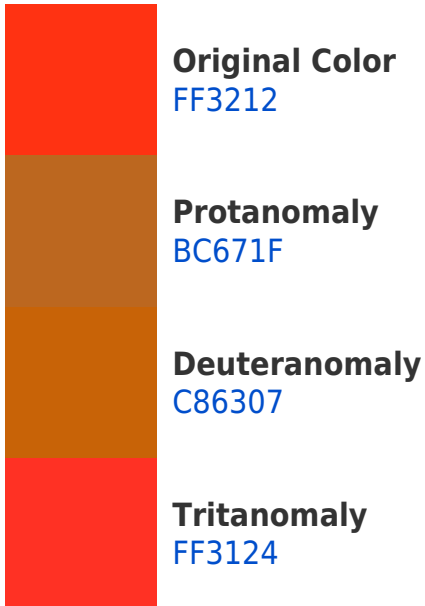
Protanopia
968626

Deuteranopia
A97F00

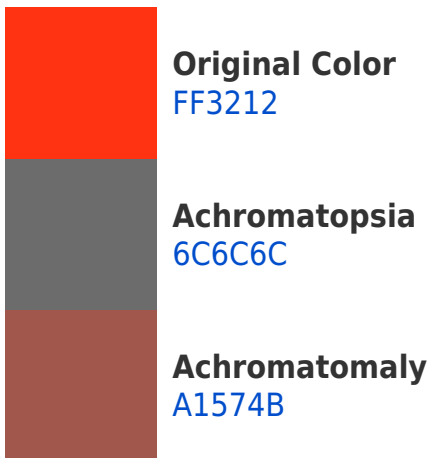


Tritanopia
FF302F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF3212 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 #FF3212 looks like.

```
.text, #text, p{  
    color:#FF3212  
}
```

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 #FF3212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3212
}
```

Border

The CSS property to change the border of an element to Hex FF3212 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
#FF3212 }
```

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

```
.border{ border-color:#FF3212 }
```

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

Here you see how a box with a 4 pixel #FF3212 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3212; -webkit-box-shadow:4px 4px  
4px 4px #FF3212; box-shadow:4px 4px 4px  
4px #FF3212 }
```

Background

The CSS property to change the background color of an element to Hex FF3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3212 }
```

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

```
.background{ background-color:#FF3212 }
```

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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