

# Converting Colors

Hex(F24E20)

Have a look what the booklet for  
Hex(F24E20) contains.

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**Color**

**Hex(F24E20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F24E20
RGB	242, 78, 32
RGB Percent	95%, 31%, 13%
CMY	0.0510, 0.6941, 0.8745
CMYK	0.00, 0.68, 0.87, 0.05
HSL	13°, 89%, 54%
HSV	13°, 87%, 95%
XYZ	39.6031, 24.4303, 3.9947
YIQ	121.7920, 112.5100, 20.4620

# Conversions

## Conversions Part 2

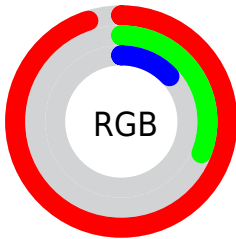
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 91, 32
Decimal	15879712
CIE <sub>Lab</sub>	56.52, 60.88, 58.57
CIE <sub>LCh</sub>	57, 84.482, 43.892
Yxy	24.4303, 0.5822, 0.3591
Android (android.graphics.Color)	4294069792 (0xFFFF24E20)
YUV	121.7920, -44.2675, 105.4224
Hunter-Lab	49.4270, 56.5246, 29.8071

# Details

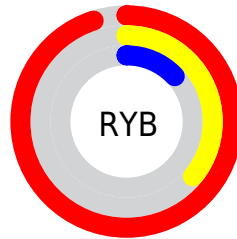
The Hex color **F24E20** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **20C4F2**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF8753**, and **B10000** is the 20% darker color. If you saturate the color by 10%, you get **F23B08**, and if you desaturate by 10%, it is **F26138**.

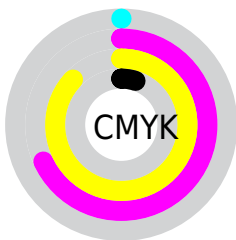
# Distribution



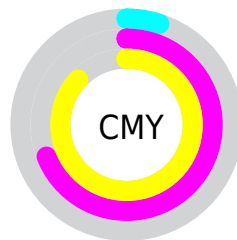
- Red (95%)
- Green (31%)
- Blue (13%)



- Red (95%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (68%)
- Yellow (87%)
- Black (5%)



- Cyan (5%)
- Magenta (69%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F24E20 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 F24E20 by changing the saturation by 10% instead.



 F24E20

 F24E20

FFFFFF

 D12F02

 FF8753

 B10000

 FFA36C

 910000

 FFC086

 710000

 FFDDA1

 530001

 FFFBBD

 360002

 FFFFD9

 070000

 FFFFF6

 000000

 F24E20

 F24E20

 F23B08

 F26138

 F23500

 F27450

 F28769

 F29A81

 F2AC99

 F2BFB1

 F2D2C9

 F2E5E2

 F2F8FA

# Harmonies

## Analogous

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



FF1D69



F24E20



C47500

# Triad

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



F24E20



00A45C



0086FF

# Complementary

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



F24E20



20C4F2

# 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.



009BFF



F24E20



00A7A9

# Square

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



F24E20



1A9D00



00A5ED



B360F3

# Rectangle

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



F24E20



9C8800



00A5ED



008EFF



# Sweetspot

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



F24E20



FFCBBD



F220C4



806158



000000



808080



# Same Dimension

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



F24E20



FF3800



F2B620



786E6C



B82800



380C00



# Inverse Universe

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



20C4F2



00C7FF



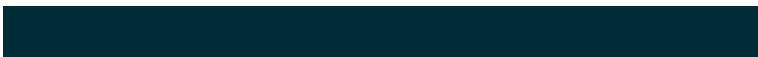
205BF2



6C7578



008FB8



002C38



# Previews

## White Background



This preview shows how the Hex color F24E20 looks on a white background.

## Color Contrast Check

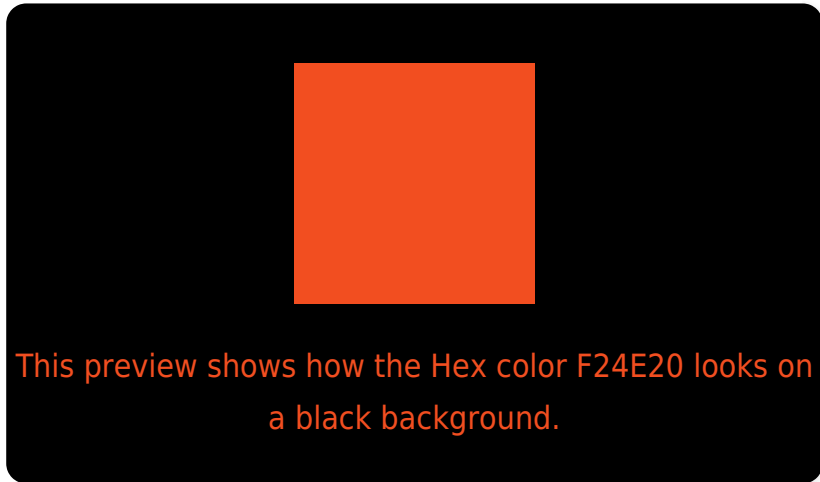
Large Text (above 18pt) WCAG AA ✓ Pass

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 F24E20 Background



This preview shows how black text looks on a background with the Hex color F24E20.

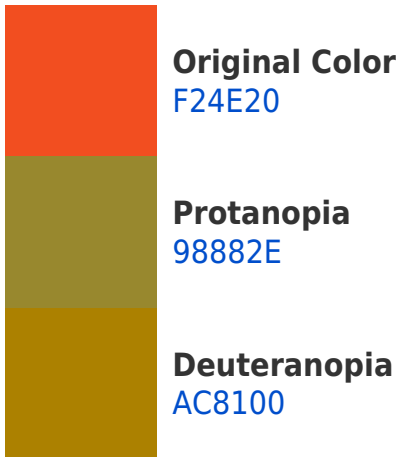



This preview shows how white text looks on a background with the Hex color F24E20.

# 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





**Tritanopia**  
F3494D

# Trichromacy



**Original Color**  
F24E20

**Protanomaly**  
B97329

**Deuteranomaly**  
C56E0C

**Tritanomaly**  
F34B3D

# Monochromacy



**Original Color**  
F24E20

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
A66A59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F24E20 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 #F24E20 looks like.

```
.text, #text, p{  
    color:#F24E20  
}
```

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 #F24E20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F24E20 }  
}
```

## Border

The CSS property to change the border of an element to Hex F24E20 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 #F24E20 }  
}
```

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

```
.border{ border-color:#F24E20 }
```

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

Here you see how a box with a 4 pixel #F24E20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F24E20; -webkit-box-shadow:4px 4px  
4px 4px #F24E20; box-shadow:4px 4px 4px  
4px #F24E20 }
```

# Background

The CSS property to change the background color of an element to Hex F24E20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F24E20 }
```

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

```
.background{ background-color:#F24E20 }
```

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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