

Converting Colors

Hex(F20D1A)

Have a look what the booklet for
Hex(F20D1A) contains.

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Color

Hex(F20D1A)

Conversions

Conversions Part 1

Format	Color
Hex	F20D1A
RGB	242, 13, 26
RGB Percent	95%, 5%, 10%
CMY	0.0510, 0.9490, 0.8980
CMYK	0.00, 0.95, 0.89, 0.05
HSL	357°, 90%, 50%
HSV	357°, 95%, 95%
XYZ	36.9483, 19.2397, 2.7435
YIQ	82.9530, 132.3110, 52.5910

Conversions

Conversions Part 2

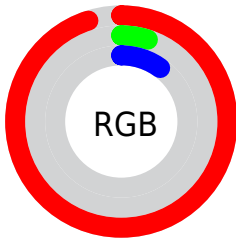
Format	Color
RYB	242, 13, 26
Decimal	15863066
CIELab	50.97, 76.26, 56.83
CIELCh	51, 95.107, 36.691
Yxy	19.2397, 0.6270, 0.3265
Android (android.graphics.Color)	4294053146 (0xFFFF20D1A)
YUV	82.9530, -28.0778, 139.4842
Hunter-Lab	43.8631, 73.6003, 26.9957

Details

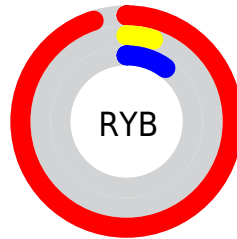
The Hex color **F20D1A** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark saturated red. A complement of this color would be **0DF2E5**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF614A**, and **B00000** is the 20% darker color. If you saturate the color by 10%, you get **F2000E**, and if you desaturate by 10%, it is **F22531**.

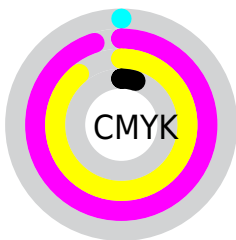
Distribution



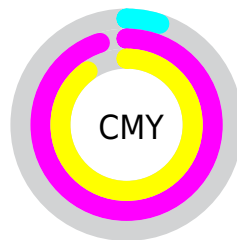
- Red (95%)
- Green (5%)
- Blue (10%)



- Red (95%)
- Yellow (5%)
- Blue (10%)



- Cyan (0%)
- Magenta (95%)
- Yellow (89%)
- Black (5%)



- Cyan (5%)
- Magenta (95%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color F20D1A 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 F20D1A by changing the saturation by 10% instead.

 F20D1A

 F20D1A

FFFFFF

 D10001

 FF614A

 B00000

 FF7F63

 8E0000

 FF9E7D

 6E0002

 FFBB97

 500004

 FFDAB2

 300002

 FFF8CE

 000000

 FFFFEB

 F20D1A

 F20D1A

 F2000E

 F22531

 F23D48

 F2565E

 F26E75

 F2868C

 F29EA3

 F2B6BA

 F2CFD1

 F2E7E7

Harmonies

Analogous

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



FF006B



F20D1A



C55B00

Triad

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



F20D1A



009632



0080FF

Complementary

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



F20D1A



0DF2E5

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.



0093FF



F20D1A



00998A

Square

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



F20D1A



148E00



0099DA



8758FE

Rectangle

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



F20D1A



9C7400



0099DA



0088FF

Sweetspot

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



F20D1A



FFB8BC



E30DF2



805457



000000



808080

Same Dimension

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



F20D1A



FF000E



F2700D



786C6D



B8000A



380003

Inverse Universe

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



F20D1A



FF000E



0D8FF2



786C6D



B8000A



380003

Previews

White Background



This preview shows how the Hex color F20D1A looks on a white background.

Color Contrast Check

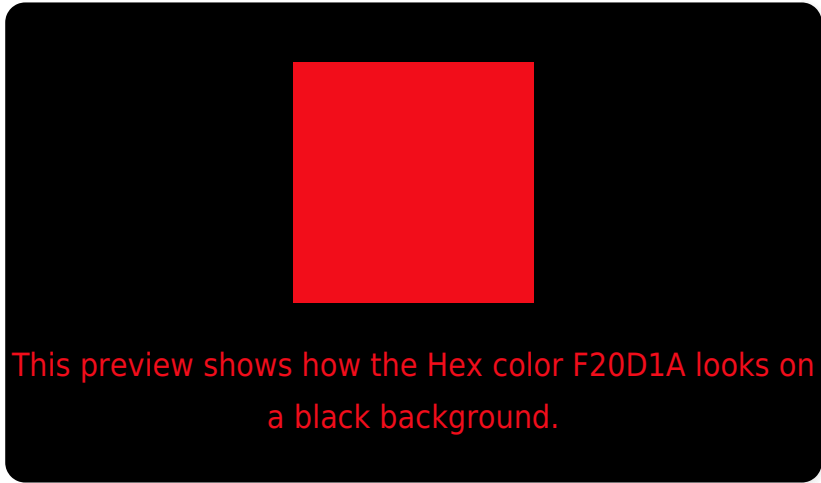
Large Text (above 18pt) WCAG AA ✓ Pass

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 F20D1A Background



This preview shows how black text looks on a background with the Hex color F20D1A.



This preview shows how white text looks on a background with the Hex color F20D1A.

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
F20D1A

Protanopia
897B2F

Deuteranopia
9B7400



Tritanopia
F11600

Trichromacy



Original Color
F20D1A



Protanomaly
AF5327



Deuteranomaly
BB4F09



Tritanomaly
F11309

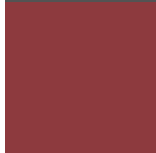
Monochromacy



Original Color
F20D1A



Achromatopsia
535353



Achromatomaly
8D3A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex F20D1A 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 #F20D1A looks like.

```
.text, #text, p{  
    color:#F20D1A  
}
```

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 #F20D1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F20D1A
}
```

Border

The CSS property to change the border of an element to Hex F20D1A 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".

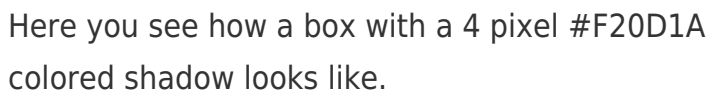
```
.border, #border, table{ border:4px solid
#F20D1A }
```

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

```
.border{ border-color:#F20D1A }
```

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

Here you see how a box with a 4 pixel #F20D1A colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #F20D1A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F20D1A; -webkit-box-shadow:4px 4px  
4px 4px #F20D1A; box-shadow:4px 4px 4px  
4px #F20D1A }
```

Background

The CSS property to change the background color of an element to Hex F20D1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F20D1A }
```

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

```
.background{ background-color:#F20D1A }
```

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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