

Converting Colors

Hex(F20D0D)

Have a look what the booklet for
Hex(F20D0D) contains.

| | |
|--|----|
| Hex(F20D0D) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(F20D0D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F20D0D |
| RGB | 242, 13, 13 |
| RGB Percent | 95%, 5%, 5% |
| CMY | 0.0510, 0.9490, 0.9490 |
| CMYK | 0.00, 0.95, 0.95, 0.05 |
| HSL | 0°, 90%, 50% |
| HSV | 0°, 95%, 95% |
| XYZ | 36.8345, 19.1942, 2.1442 |
| YIQ | 81.4710, 136.4840, 48.5480 |

Conversions

Conversions Part 2

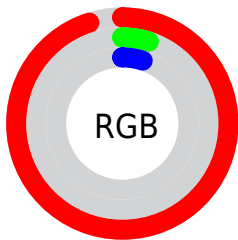
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 242, 13, 13 |
| Decimal | 15863053 |
| CIELab | 50.91, 76.12, 61.36 |
| CIElCh | 51, 97.769, 38.873 |
| Yxy | 19.1942, 0.6332, 0.3300 |
| Android (android.graphics.Color) | 4294053133 (0xFFFF20D0D) |
| YUV | 81.4710, -33.7562, 140.7839 |
| Hunter-Lab | 43.8111, 73.4057, 27.7660 |

Details

The Hex color **F20D0D** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **0DF2F2**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF6041**, and **AF0000** is the 20% darker color. If you saturate the color by 10%, you get **F20000**, and if you desaturate by 10%, it is **F22525**.

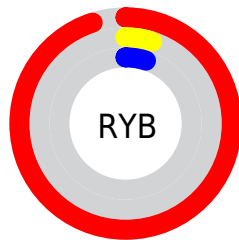
Distribution



Red (95%)

Green (5%)

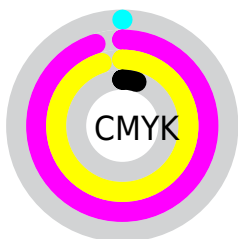
Blue (5%)



Red (95%)

Yellow (5%)

Blue (5%)

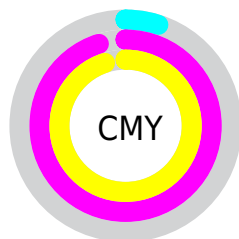


Cyan (0%)

Magenta (95%)

Yellow (95%)

Black (5%)



Cyan (5%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color F20D0D 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 F20D0D by changing the saturation by 10% instead.

 F20D0D

 F20D0D

FFFFFFE

 D00000

 FF6041

 AF0000

 FF7F5A

 8E0000

 FF9D74

 6E0002

 FFBB8E

 500004

 FFD9A9

 300002

 FFF8C5

 000000

 FFFFE1

 F20D0D

 F20D0D

 F20000

 F22525

 F23D3D

 F25656

 F26E6E

 F28686

 F29E9E

 F2B6B6

 F2CFCF

 F2E7E7

Harmonies

Analogous

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



FF0065



F20D0D



C25D00

Triad

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



F20D0D



009637



007EFF

Complementary

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



F2D0D



0DF2F2

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



F20D0D



009991

Square

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



F20D0D



008F00



0099E2



9152FE

Rectangle

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



F20D0D



977600



0099E2



0087FF

Sweetspot

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



F20D0D



FFB8B8



F20DF2



805454



000000



808080

Same Dimension

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



F20D0D



FF0000



F27F0D



786C6C



B80000



380000

Inverse Universe

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



0DF2F2



00FFFF



0D7FF2



6C7878



00B8B8



003838

Previews

White Background



This preview shows how the Hex color F20D0D looks on a white background.

Color Contrast Check

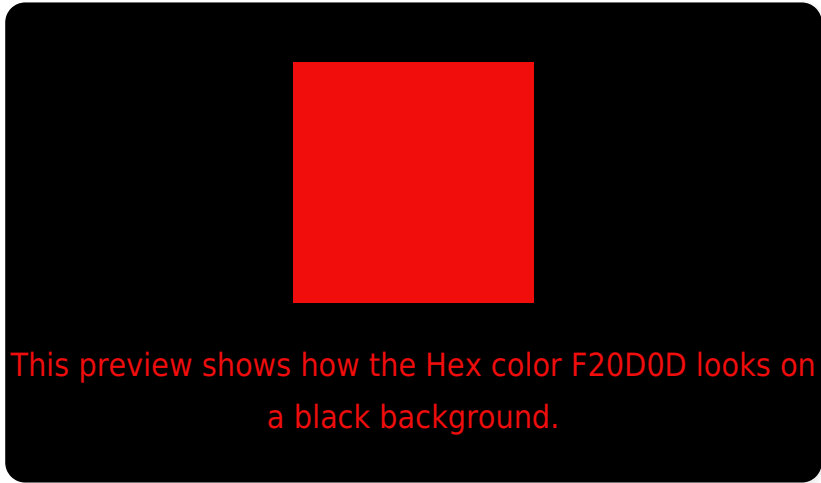
Large Text (above 18pt) WCAG AA ✓ Pass

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 F20D0D Background



This preview shows how black text looks on a background with the Hex color F20D0D.



This preview shows how white text looks on a background with the Hex color F20D0D.

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
F20D0D

Protanopia
897B23

Deuteranopia
9A7400



Tritanopia
F11600

Trichromacy



Original Color
F20D0D



Protanomaly
AF531B



Deuteranomaly
BA4F05



Tritanomaly
F11305

Monochromacy



Original Color
F20D0D



Achromatopsia
515151



Achromatomaly
8C3838

CSS Examples

Text

The CSS property to change the color of the text to Hex F20D0D 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 #F20D0D looks like.

```
.text, #text, p{  
    color:#F20D0D  
}
```

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 #F20D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F20D0D }  
}
```

Border

The CSS property to change the border of an element to Hex F20D0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

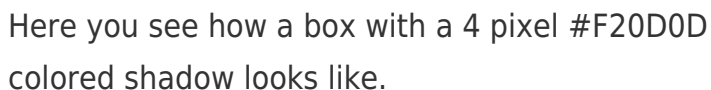
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #F20D0D }  
}
```

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

```
.border{ border-color:#F20D0D }
```

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



Here you see how a box with a 4 pixel `#F20D0D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F20D0D; -webkit-box-shadow:4px 4px  
4px 4px #F20D0D; box-shadow:4px 4px 4px  
4px #F20D0D }
```

Background

The CSS property to change the background color of an element to Hex F20D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F20D0D }
```

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

```
.background{ background-color:#F20D0D }
```

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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