

Converting Colors

Hex(D20F18)

Have a look what the booklet for
Hex(D20F18) contains.

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Color

Hex(D20F18)

Conversions

Conversions Part 1

Format	Color
Hex	D20F18
RGB	210, 15, 24
RGB Percent	82%, 6%, 9%
CMY	0.1765, 0.9412, 0.9059
CMYK	0.00, 0.93, 0.89, 0.18
HSL	357°, 87%, 44%
HSV	357°, 93%, 82%
XYZ	26.9140, 14.1092, 2.1690
YIQ	74.3310, 113.3310, 44.1390

Conversions

Conversions Part 2

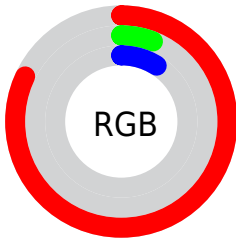
Format	Color
RYB	210, 15, 24
Decimal	13766424
CIELab	44.39, 68.04, 49.90
CIELCh	44, 84.376, 36.259
Yxy	14.1092, 0.6231, 0.3267
Android (android.graphics.Color)	4291956504 (0xFFD20F18)
YUV	74.3310, -24.8132, 118.9817
Hunter-Lab	37.5623, 62.1645, 22.8700

Details

The Hex color **D20F18** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **0FD2C9**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5B47**, and **910000** is the 20% darker color. If you saturate the color by 10%, you get **D2000A**, and if you desaturate by 10%, it is **D2242C**.

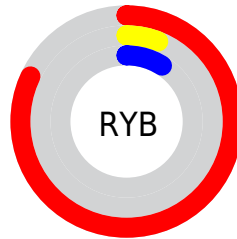
Distribution



Red (82%)

Green (6%)

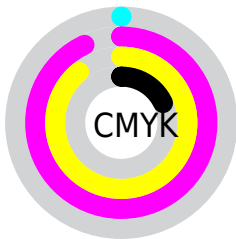
Blue (9%)



Red (82%)

Yellow (6%)

Blue (9%)

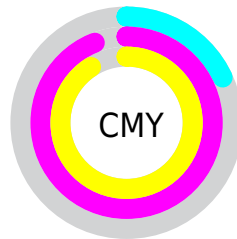


Cyan (0%)

Magenta (93%)

Yellow (89%)

Black (18%)



Cyan (18%)

Magenta (94%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D20F18 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 D20F18 by changing the saturation by 10% instead.

 D20F18

 D20F18

FFFFFF

 B20000

 FF5B47

 910000

 FF785F

 710000

 FF9579

 530002

 FFB293

 350002

 FFD0AE

 020000

 FFEEC9

 000000

 FFFF66

 D20F18

 D20F18

 D2000A

 D2242C

 D23940

 D24E54

 D26368

 D2787C

 D28D90

 D2A2A4

 D2B7B8

 D2CCCC

Harmonies

Analogous

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



DE005E



D20F18



AC4E00

Triad

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



D20F18



00822A



006FF8

Complementary

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



D20F18



0FD2C9

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.



007FEB



D20F18



008477

Square

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



D20F18



197A00



0085BB



734DDC

Rectangle

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



D20F18



886400



0085BB



0076F8

Sweetspot

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



D20F18



FFB8BB



C80FD2



805456



000000



808080

Same Dimension

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



D20F18



FF000C



D2670F



695E5F



A80008



290002

Inverse Universe

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



D20F18



FF000C



0F7AD2



695E5F



A80008



290002

Previews

White Background



This preview shows how the Hex color D20F18 looks on a white background.

Color Contrast Check

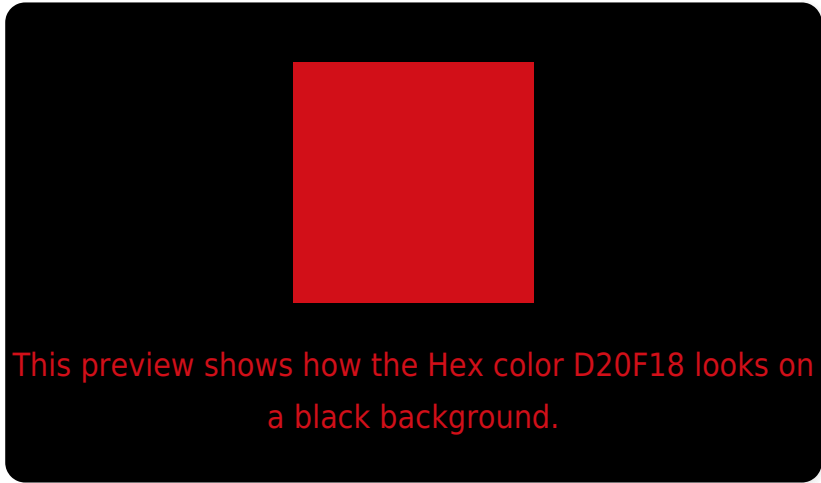
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D20F18 Background



This preview shows how black text looks on a background with the Hex color D20F18.



This preview shows how white text looks on a background with the Hex color D20F18.

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
D20F18

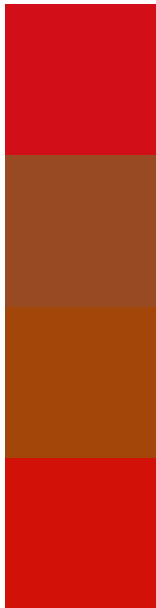
Protanopia
776B2A

Deuteranopia
866500



Tritanopia
D21200

Trichromacy



Original Color
D20F18

Protanomaly
984A23

Deuteranomaly
A24609

Tritanomaly
D21109

Monochromacy



Original Color
D20F18

Achromatopsia
4A4A4A

Achromatomaly
7B3538

CSS Examples

Text

The CSS property to change the color of the text to Hex D20F18 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 #D20F18 looks like.

```
.text, #text, p{  
    color:#D20F18  
}
```

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 #D20F18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D20F18 }  
}
```

Border

The CSS property to change the border of an element to Hex D20F18 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".

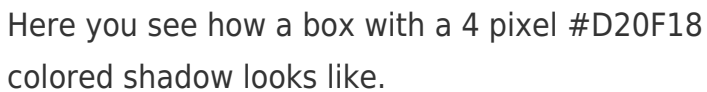
```
.border, #border, table{ border:4px solid #D20F18 }  
}
```

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

```
.border{ border-color:#D20F18 }
```

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

Here you see how a box with a 4 pixel #D20F18 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D20F18; -webkit-box-shadow:4px 4px  
4px 4px #D20F18; box-shadow:4px 4px 4px  
4px #D20F18 }
```

Background

The CSS property to change the background color of an element to Hex D20F18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D20F18 }
```

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

```
.background{ background-color:#D20F18 }
```

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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