

Converting Colors

Hex(D32F20)

Have a look what the booklet for
Hex(D32F20) contains.

Hex(D32F20)	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(D32F20)

Conversions

Conversions Part 1

Format	Color
Hex	D32F20
RGB	211, 47, 32
RGB Percent	83%, 18%, 13%
CMY	0.1725, 0.8157, 0.8745
CMYK	0.00, 0.78, 0.85, 0.17
HSL	5°, 74%, 48%
HSV	5°, 85%, 83%
XYZ	28.1412, 15.9862, 2.9689
YIQ	94.3260, 102.5590, 30.1030

Conversions

Conversions Part 2

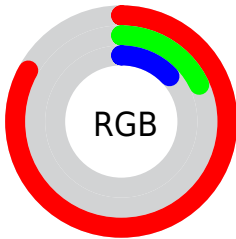
Format	Color
RYB	211, 48, 32
Decimal	13840160
CIELab	46.96, 61.89, 48.35
CIElCh	47, 78.534, 37.998
Yxy	15.9862, 0.5975, 0.3394
Android (android.graphics.Color)	4292030240 (0xFFD32F20)
YUV	94.3260, -30.7267, 102.3231
Hunter-Lab	39.9827, 55.6645, 23.5853

Details

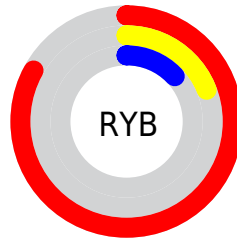
The Hex color **D32F20** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **20C4D3**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6B4F**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D31C0B**, and if you desaturate by 10%, it is **D34235**.

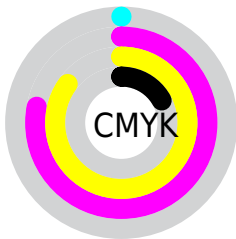
Distribution



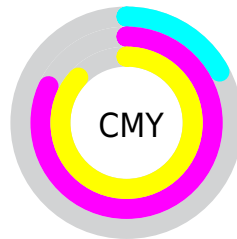
- Red (83%)
- Green (18%)
- Blue (13%)



- Red (83%)
- Yellow (19%)
- Blue (13%)



- Cyan (0%)
- Magenta (78%)
- Yellow (85%)
- Black (17%)



- Cyan (17%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D32F20 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 D32F20 by changing the saturation by 10% instead.

 D32F20

 D32F20

FFFFFF

 B30008

 FF6B4F

 930000

 FF8768

 740000

 FFA482

 550001

 FFC19C

 380002

 FFDEB7

 0E0000

 FFFCD3

 000000

 FFFFF0

 D32F20

 D32F20

 D31C0B

 D34235

 D31200

 D3564A

 D3695F

 D37C74

 D3908A

 D3A39F

 D3B6B4

 D3CAC9

 D3DDDE

Harmonies

Analogous

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



DF0061



D32F20



AE5900

Triad

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



D32F20



00883A



0073F4

Complementary

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



D32F20



20C4D3

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.



0084EB



D32F20



008A80

Square

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



D32F20



278100



008AC0



8253D9

Rectangle

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



D32F20



8C6B00



008AC0



007AF5

Sweetspot

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



D32F20



FFC5BF



D320C4



805C59



000000



808080

Same Dimension

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



D32F20



FF1500



D38820



695F5E



A80E00



290300

Inverse Universe

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



20C4D3



00EAFB



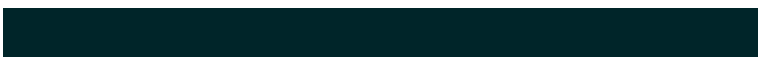
206BD3



5E6869



009AA8



002529

Previews

White Background



This preview shows how the Hex color D32F20 looks on a white background.

Color Contrast Check

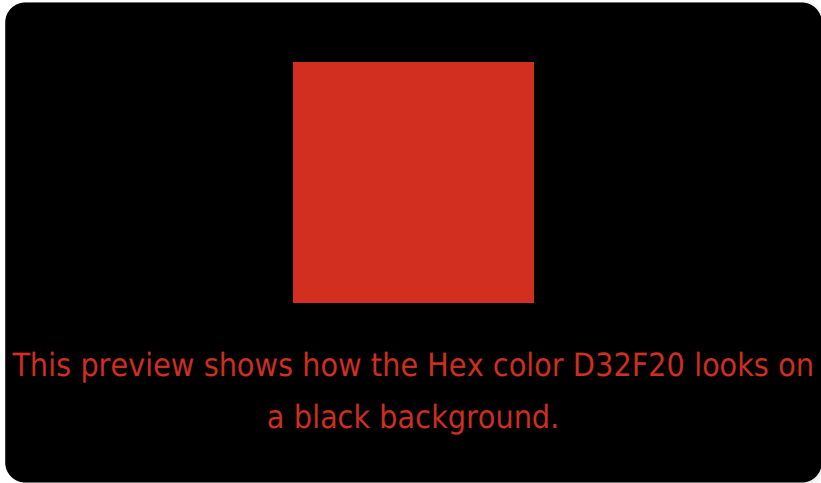
Large Text (above 18pt) WCAG AA ✓ Pass

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 D32F20 Background



This preview shows how black text looks on a background with the Hex color D32F20.



This preview shows how white text looks on a background with the Hex color D32F20.

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



Trichromacy



Original Color
D32F20

Protanomaly
9C582A

Deuteranomaly
A7550C

Tritanomaly
D32E29

Monochromacy



Original Color
D32F20

Achromatopsia
5E5E5E

Achromatomaly
894D47

CSS Examples

Text

The CSS property to change the color of the text to Hex D32F20 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 #D32F20 looks like.

```
.text, #text, p{  
    color:#D32F20  
}
```

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 #D32F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D32F20 } }
```

Border

The CSS property to change the border of an element to Hex D32F20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

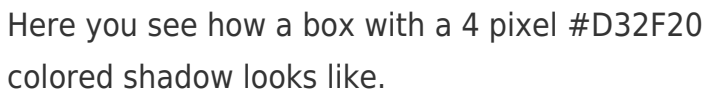
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #D32F20 } }
```

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

```
.border{ border-color:#D32F20 }
```

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



Here you see how a box with a 4 pixel `#D32F20` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D32F20; -webkit-box-shadow:4px 4px  
4px 4px #D32F20; box-shadow:4px 4px 4px  
4px #D32F20 }
```

Background

The CSS property to change the background color of an element to Hex D32F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D32F20 }
```

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

```
.background{ background-color:#D32F20 }
```

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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