

Converting Colors

Hex(DF9D20)

Have a look what the booklet for
Hex(DF9D20) contains.

Hex(DF9D20)	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(DF9D20)

Conversions

Conversions Part 1

Format	Color
Hex	DF9D20
RGB	223, 157, 32
RGB Percent	87%, 62%, 13%
CMY	0.1255, 0.3843, 0.8745
CMYK	0.00, 0.30, 0.86, 0.13
HSL	39°, 75%, 50%
HSV	39°, 86%, 87%
XYZ	42.7491, 39.9062, 6.8160
YIQ	162.4840, 79.4610, -24.8830

Conversions

Conversions Part 2

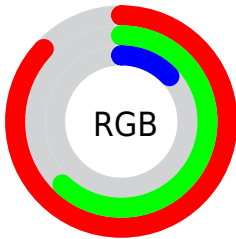
Format	Color
RYB	133, 223, 32
Decimal	14654752
CIELab	69.40, 14.97, 67.83
CIELCh	69, 69.467, 77.552
Yxy	39.9062, 0.4778, 0.4460
Android (android.graphics.Color)	4292844832 (0xFFDF9D20)
YUV	162.4840, -64.3286, 53.0725
Hunter-Lab	63.1714, 10.2440, 37.8227

Details

The Hex color **DF9D20** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2062DF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFD35A**, and **A26A00** is the 20% darker color. If you saturate the color by 10%, you get **DF950A**, and if you desaturate by 10%, it is **DFA536**.

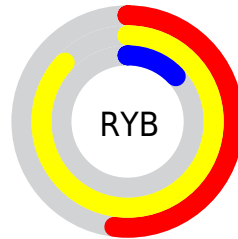
Distribution



Red (87%)

Green (62%)

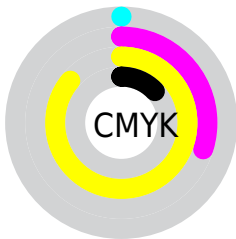
Blue (13%)



Red (52%)

Yellow (87%)

Blue (13%)

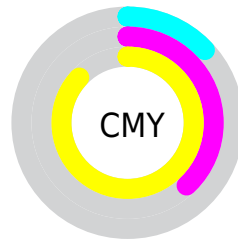


Cyan (0%)

Magenta (30%)

Yellow (86%)

Black (13%)



Cyan (13%)

Magenta (38%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF9D20 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 DF9D20 by changing the saturation by 10% instead.

 DF9D20

 DF9D20

FFFFFF

 C08300

 FFD35A

 A26A00

 FFF076

 855200

 FFFF91

 683B00

 FFFFAD

 4C2500

 FFFFCA

 321100

 FFFF7E

 190001

 000000

 DF9D20

 DF9D20

■ DF950A

■ DFA536

■ DF9200

■ DFAC4D

■ DFB463

■ DFBC79

■ DFC490

■ DFCBA6

■ DFD3BC

■ DFDBD2

■ DFE2E9

Harmonies

Analogous

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



FF834E



DF9D20



A6B21E

Triad

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



DF9D20



00C7CE



DB88FF

Complementary

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



DF9D20



2062DF

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.



75A4FF



DF9D20



00C3FF

Square

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



DF9D20



00C68C



00B8FF



FF70C6

Rectangle

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



DF9D20



77BB3C



00B8FF



C092FF

Sweetspot

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



DF9D20



FFE8BD



DF2063



807258



000000



808080

Same Dimension

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



DF9D20



FFA700



C2DF20



706C65



B07300



302000

Inverse Universe

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



2062DF



0058FF



3D20DF



656970



003DB0



001130

Previews

White Background



This preview shows how the Hex color DF9D20 looks on a white background.

Color Contrast Check

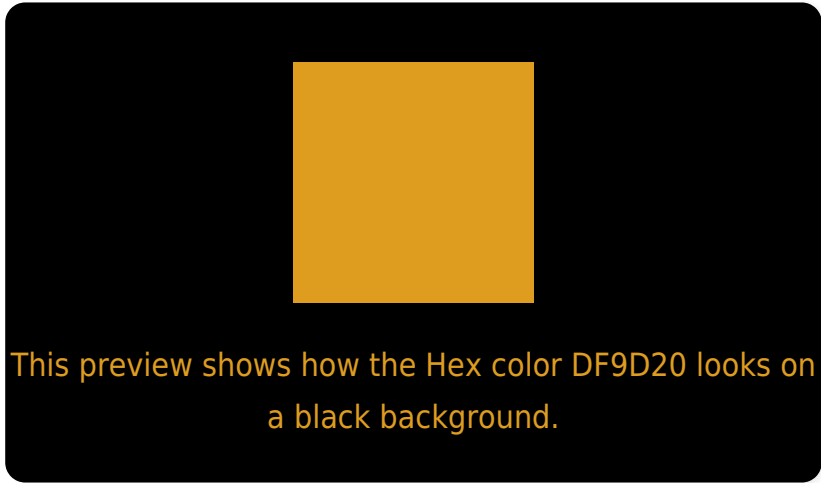
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex DF9D20 Background



This preview shows how black text looks on a background with the Hex color DF9D20.

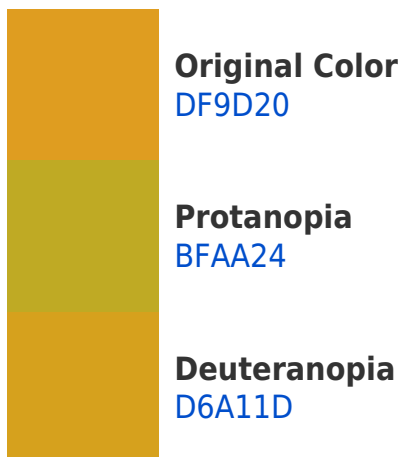



This preview shows how white text looks on a background with the Hex color DF9D20.

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](#).

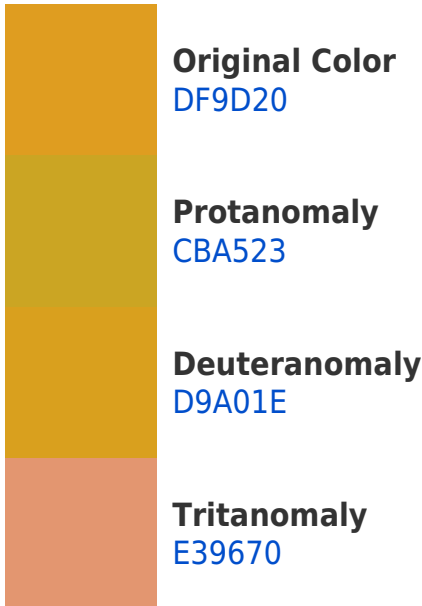
Dichromacy



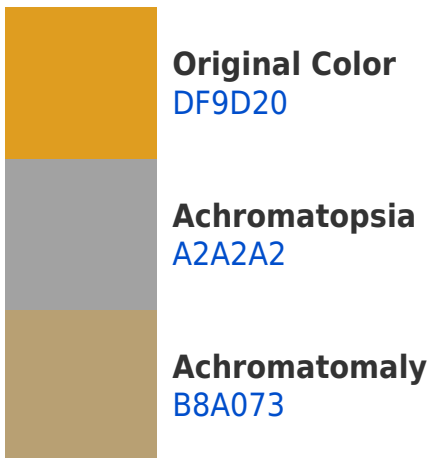


Tritanopia
E6929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DF9D20 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 #DF9D20 looks like.

```
.text, #text, p{  
    color:#DF9D20  
}
```

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 #DF9D20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF9D20
}
```

Border

The CSS property to change the border of an element to Hex DF9D20 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
#DF9D20 }
```

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

```
.border{ border-color:#DF9D20 }
```

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

Here you see how a box with a 4 pixel #DF9D20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF9D20; -webkit-box-shadow:4px 4px  
4px 4px #DF9D20; box-shadow:4px 4px 4px  
4px #DF9D20 }
```

Background

The CSS property to change the background color of an element to Hex DF9D20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF9D20 }
```

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

```
.background{ background-color:#DF9D20 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor