

Converting Colors

Hex(DD920C)

Have a look what the booklet for
Hex(DD920C) contains.

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Color

Hex(DD920C)

Conversions

Conversions Part 1

Format	Color
Hex	DD920C
RGB	221, 146, 12
RGB Percent	87%, 57%, 5%
CMY	0.1333, 0.4275, 0.9529
CMYK	0.00, 0.34, 0.95, 0.13
HSL	38°, 90%, 46%
HSV	38°, 95%, 87%
XYZ	40.1640, 35.9565, 5.1712
YIQ	153.1490, 87.7140, -25.7740

Conversions

Conversions Part 2

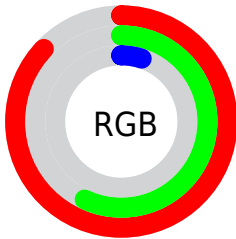
Format	Color
R _Y B	129, 221, 12
Decimal	14520844
CIE Lab	66.49, 19.66, 69.79
CIE LCh	66, 72.506, 74.267
Yxy	35.9565, 0.4941, 0.4423
Android (android.graphics.Color)	4292710924 (0xFFDD920C)
YUV	153.1490, -69.5865, 59.5053
Hunter-Lab	59.9637, 14.6238, 36.8615

Details

The Hex color **DD920C** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0C57DD**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFC84E**, and **A05F00** is the 20% darker color. If you saturate the color by 10%, you get **DD8E00**, and if you desaturate by 10%, it is **DD9A22**.

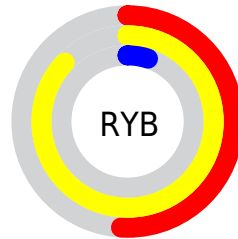
Distribution



Red (87%)

Green (57%)

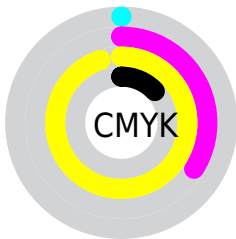
Blue (5%)



Red (51%)

Yellow (87%)

Blue (5%)

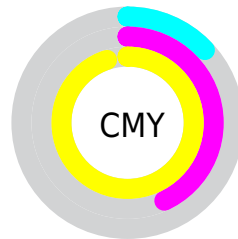


Cyan (0%)

Magenta (34%)

Yellow (95%)

Black (13%)



Cyan (13%)

Magenta (43%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD920C 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 DD920C by changing the saturation by 10% instead.

 DD920C

 DD920C

FFFFFF

 BE7800

 FFC84E

 A05F00

 FFE46A

 824800

 FFFF85

 653100

 FFFFA1

 491B00

 FFFFBE

 2F0600

 FFFFDA

 0C0000

 FFFFF8

 000000

 DD920C

 DD920C

■ DD8E00

■ DD9A22

■ DDA238

■ DDAA4E

■ DDB264

■ DDBA7B

■ DDC291

■ DDCAA7

■ DDD1BD

■ DDD9D3

Harmonies

Analogous

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



FF7649



DD920C



A4A800

Triad

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



DD920C



00C0C0



CC82FF

Complementary

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



DD920C



0C57DD

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.



509FFF



DD920C



00BDFC

Square

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



DD920C



00BE7C



00B3FF



FF66C7

Rectangle

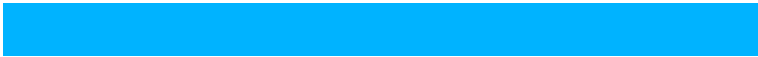
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DD920C



75B227



00B3FF



AE8CFF

Sweetspot

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



DD920C



FFE5B8



DD0C59



807054



000000



808080

Same Dimension

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



DD920C



FFA300



C1DD0C



6E6A63



AD6F00



2E1D00

Inverse Universe

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



0C57DD



005CFF



280CDD



63676E



003EAD



00102E

Previews

White Background



This preview shows how the Hex color DD920C looks on a white background.

Color Contrast Check

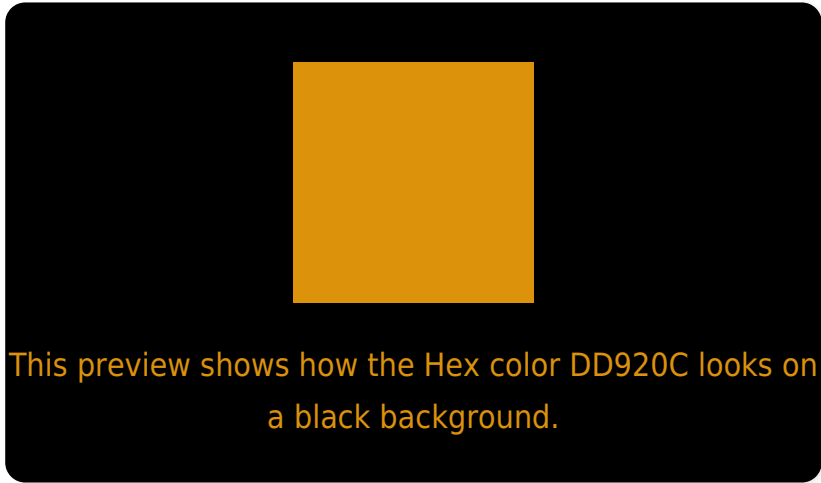
Large Text (above 18pt) WCAG AA × Fail

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 DD920C Background



This preview shows how black text looks on a background with the Hex color DD920C.



This preview shows how white text looks on a background with the Hex color DD920C.

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
DD920C

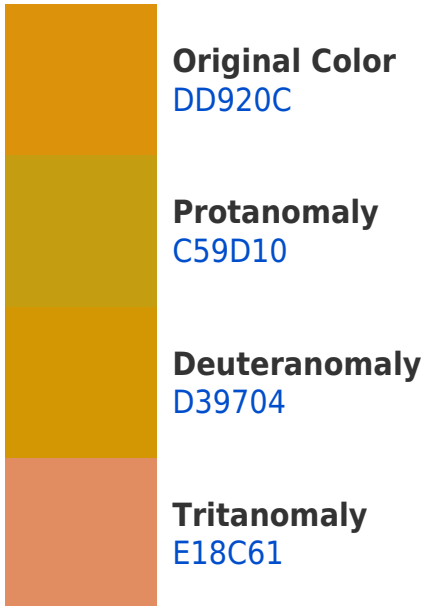
Protanopia
B7A313

Deuteranopia
CD9A00

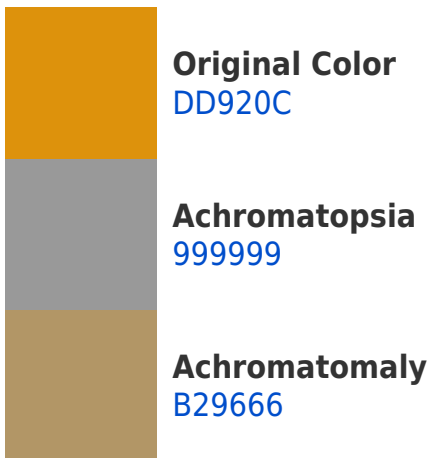


Tritanopia
E38892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD920C 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 #DD920C looks like.

```
.text, #text, p{  
    color:#DD920C  
}
```

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 #DD920C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD920C
}
```

Border

The CSS property to change the border of an element to Hex DD920C 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
#DD920C }
```

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

```
.border{ border-color:#DD920C }
```

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

Here you see how a box with a 4 pixel #DD920C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD920C; -webkit-box-shadow:4px 4px  
4px 4px #DD920C; box-shadow:4px 4px 4px  
4px #DD920C }
```

Background

The CSS property to change the background color of an element to Hex DD920C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD920C }
```

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

```
.background{ background-color:#DD920C }
```

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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