

# Converting Colors

Hex(D18214)

Have a look what the booklet for  
Hex(D18214) contains.

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**Color**

**Hex(D18214)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D18214
RGB	209, 130, 20
RGB Percent	82%, 51%, 8%
CMY	0.1804, 0.4902, 0.9216
CMYK	0.00, 0.38, 0.90, 0.18
HSL	35°, 83%, 45%
HSV	35°, 90%, 82%
XYZ	34.4034, 29.5711, 4.5564
YIQ	141.0810, 82.3940, -17.4620

# Conversions

## Conversions Part 2

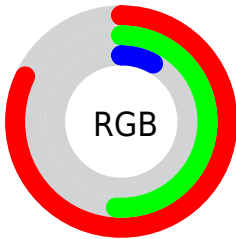
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 209, 20
Decimal	13730324
CIE <sub>Lab</sub>	61.28, 23.22, 63.81
CIE <sub>LCh</sub>	61, 67.904, 70.003
Yxy	29.5711, 0.5020, 0.4315
Android (android.graphics.Color)	4291920404 (0xFFD18214)
YUV	141.0810, -59.6929, 59.5650
Hunter-Lab	54.3793, 17.7653, 33.0977

# Details

The Hex color **D18214** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **1463D1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFB74F**, and **945000** is the 20% darker color. If you saturate the color by 10%, you get **D17A00**, and if you desaturate by 10%, it is **D18B29**.

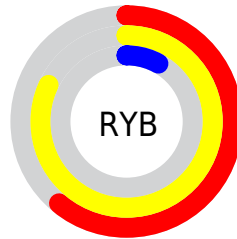
# Distribution



Red (82%)

Green (51%)

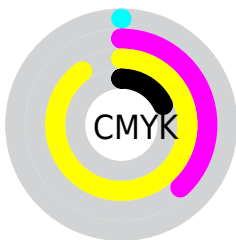
Blue (8%)



Red (61%)

Yellow (82%)

Blue (8%)

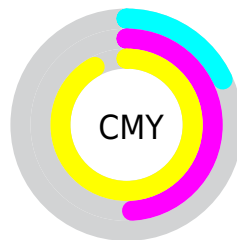


Cyan (0%)

Magenta (38%)

Yellow (90%)

Black (18%)



Cyan (18%)

Magenta (49%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D18214 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 D18214 by changing the saturation by 10% instead.



 D18214

 D18214

FFFFFF

 B26900

 FFB74F

 945000

 FFD36A

 773900

 FFEF85

 5A2300

 FFFFA0

 3E0C00

 FFFFBC

 270000

 FFFFD9

 000000

 FFFFF6

 D18214

 D18214

 D17A00

 D18B29

 D1933E

 D19C53

 D1A568

 D1AE7C

 D1B691

 D1BFA6

 D1C8BB

 D1D1D0

# Harmonies

## Analogous

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



F46849



D18214



9E9800

# Triad

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



D18214



00B0A7



B07BF1

# Complementary

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



D18214



1463D1

# 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.



1D94FF



D18214



00AEE0

# Square

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



D18214



00AD68



00A5FF



EA5FBE

# Rectangle

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



D18214



75A21A



00A5FF



9184FD



# Sweetspot

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



D18214



FFE2BA



D11466



806E57



000000



808080



# Same Dimension

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



D18214



FF9400



C4D114



69645E



A86200



291800



# Inverse Universe

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



1463D1



006BFF



2114D1



5E6269



0046A8



001129



# Previews

## White Background



This preview shows how the Hex color D18214 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 D18214 Background



This preview shows how black text looks on a background with the Hex color D18214.



This preview shows how white text looks on a background with the Hex color D18214.

# 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**  
D18214

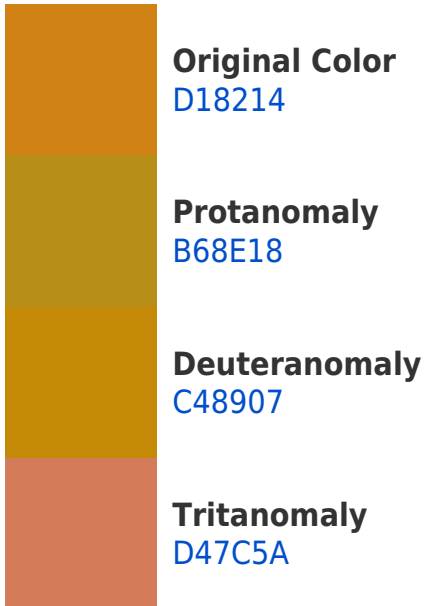
**Protanopia**  
A7951A

**Deuteranopia**  
BC8D00

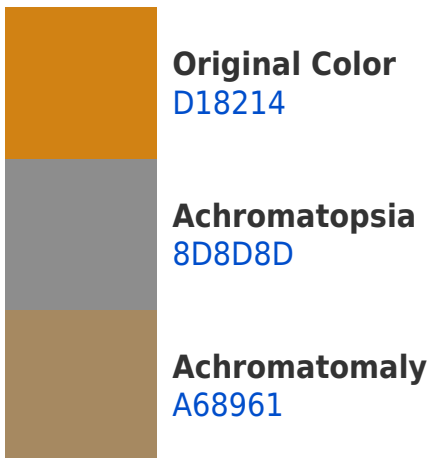


**Tritanopia**  
D67982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D18214 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 #D18214 looks like.

```
.text, #text, p{  
    color:#D18214  
}
```

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 #D18214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D18214
}
```

## Border

The CSS property to change the border of an element to Hex D18214 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
#D18214 }
```

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

```
.border{ border-color:#D18214 }
```

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

Here you see how a box with a 4 pixel #D18214 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D18214; -webkit-box-shadow:4px 4px  
4px 4px #D18214; box-shadow:4px 4px 4px  
4px #D18214 }
```

# Background

The CSS property to change the background color of an element to Hex D18214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D18214 }
```

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

```
.background{ background-color:#D18214 }
```

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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