

# Converting Colors

Hex(D19921)

Have a look what the booklet for  
Hex(D19921) contains.

<b>Hex(D19921)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D19921)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D19921
RGB	209, 153, 33
RGB Percent	82%, 60%, 13%
CMY	0.1804, 0.4000, 0.8706
CMYK	0.00, 0.27, 0.84, 0.18
HSL	41°, 73%, 47%
HSV	41°, 84%, 82%
XYZ	37.9602, 36.4476, 6.4732
YIQ	156.0640, 71.8960, -25.4480

# Conversions

## Conversions Part 2

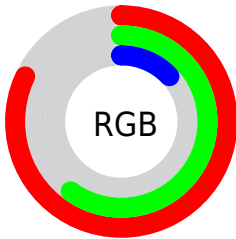
Format	Color
<a href="#">RYB</a>	<a href="#">115, 209, 33</a>
Decimal	<a href="#">13736225</a>
CIELab	<a href="#">66.86, 11.06, 64.81</a>
CIElCh	<a href="#">67, 65.742, 80.318</a>
Yxy	<a href="#">36.4476, 0.4693, 0.4506</a>
Android (android.graphics.Color)	<a href="#">4291926305</a> ( <a href="#">0xFFD19921</a> )
YUV	<a href="#">156.0640, -60.6706, 46.4249</a>
Hunter-Lab	<a href="#">60.3718, 6.5855, 35.9031</a>

# Details

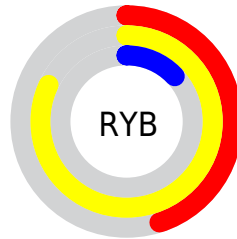
The Hex color **D19921** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2159D1**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFCF5A**, and **956600** is the 20% darker color. If you saturate the color by 10%, you get **D1920C**, and if you desaturate by 10%, it is **D1A036**.

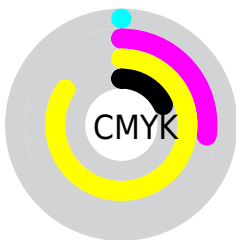
# Distribution



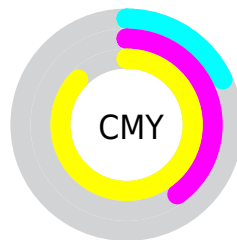
- Red (82%)
- Green (60%)
- Blue (13%)



- Red (45%)
- Yellow (82%)
- Blue (13%)



- Cyan (0%)
- Magenta (27%)
- Yellow (84%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D19921 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 D19921 by changing the saturation by 10% instead.



 D19921

 D19921

FFFFFF

 B37F00

 FFCF5A

 956600

 FFE875

 794E00

 FFFF91

 5C3800

 FFFFAD

 412300

 FFFFC9

 280E00

 FFFFEE

 000000

 D19921

 D19921

 D1920C

 D1A036

 D18E00

 D1A64B

 D1AD60

 D1B475

 D1BA8A

 D1C19E

 D1C8B3

 D1CEC8

 D1D5DD

# Harmonies

## Analogous

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



FA8148



D19921



9AAC25

# Triad

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



D19921



00BFCA



D781EF

# Complementary

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



D19921



2159D1

# 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.



7F9BFF



D19921



00BAFD

# Square

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



D19921



00BE8D



00AFFF



FF6CB8

# Rectangle

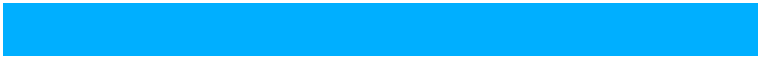
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D19921



6DB441



00AFFF



C08AFE



# Sweetspot

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



D19921



FFEBBF



D1215C



807359



000000



808080



# Same Dimension

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



D19921



FFAE00



B4D121



69655E



A87300



291C00



# Inverse Universe

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



2159D1



0051FF



3E21D1



5E6169



0036A8



000D29



# Previews

## White Background



This preview shows how the Hex color D19921 looks on a white background.

## Color Contrast Check

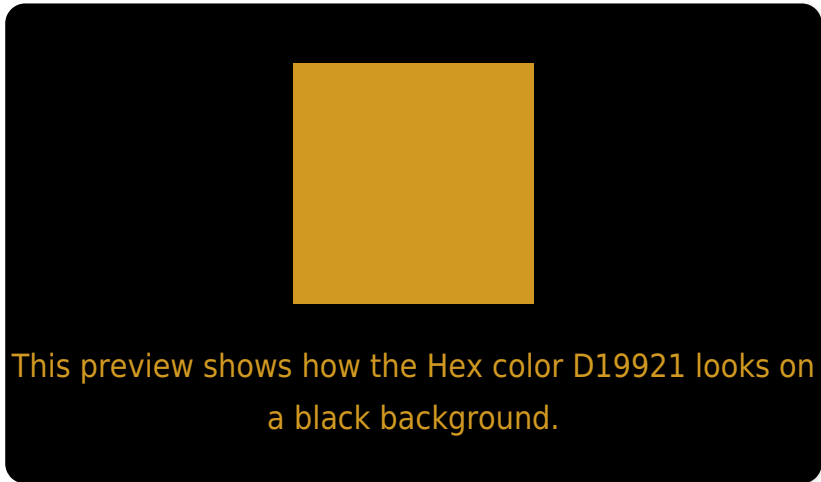
Large Text (above 18pt) WCAG AA × Fail

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 D19921 Background



This preview shows how black text looks on a background with the Hex color D19921.



This preview shows how white text looks on a background with the Hex color D19921.

# 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**  
D19921

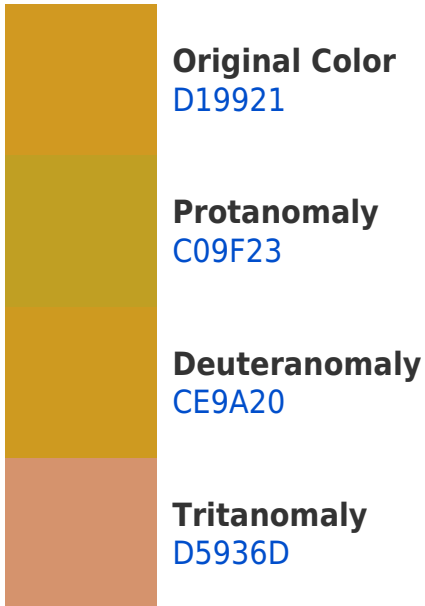
**Protanopia**  
B7A324

**Deuteranopia**  
CD9B20

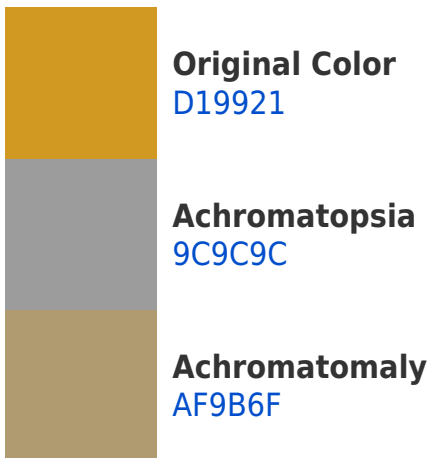


**Tritanopia**  
D88F99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D19921 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 #D19921 looks like.

```
.text, #text, p{  
    color:#D19921  
}
```

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 #D19921 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D19921
}
```

## Border

The CSS property to change the border of an element to Hex D19921 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
#D19921 }
```

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

```
.border{ border-color:#D19921 }
```

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

Here you see how a box with a 4 pixel #D19921 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D19921; -webkit-box-shadow:4px 4px  
4px 4px #D19921; box-shadow:4px 4px 4px  
4px #D19921 }
```

# Background

The CSS property to change the background color of an element to Hex D19921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D19921 }
```

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

```
.background{ background-color:#D19921 }
```

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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