

# Converting Colors

Hex(D79110)

Have a look what the booklet for  
Hex(D79110) contains.

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**Color**

**Hex(D79110)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D79110
RGB	215, 145, 16
RGB Percent	84%, 57%, 6%
CMY	0.1569, 0.4314, 0.9373
CMYK	0.00, 0.33, 0.93, 0.16
HSL	39°, 86%, 45%
HSV	39°, 93%, 84%
XYZ	38.2433, 34.7353, 5.1792
YIQ	151.2240, 83.1290, -25.2790

# Conversions

## Conversions Part 2

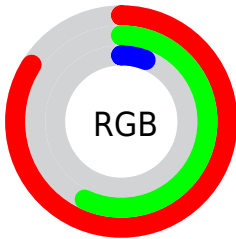
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 215, 16</a>
Decimal	<a href="#">14127376</a>
<a href="#">CIELab</a>	<a href="#">65.54, 17.65, 68.12</a>
<a href="#">CIELCh</a>	<a href="#">66, 70.374, 75.473</a>
<a href="#">Yxy</a>	<a href="#">34.7353, 0.4893, 0.4444</a>
Android (android.graphics.Color)	<a href="#">4292317456</a> (0xFFD79110)
<a href="#">YUV</a>	<a href="#">151.2240, -66.6654, 55.9316</a>
<a href="#">Hunter-Lab</a>	<a href="#">58.9366, 12.6873, 36.0454</a>

# Details

The Hex color **D79110** 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 **1056D7**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFC74F**, and **9A5F00** is the 20% darker color. If you saturate the color by 10%, you get **D78B00**, and if you desaturate by 10%, it is **D79925**.

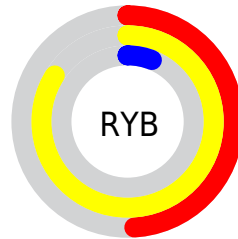
# Distribution



Red (84%)

Green (57%)

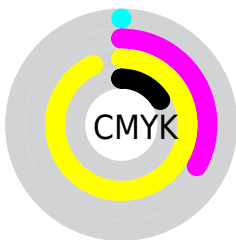
Blue (6%)



Red (49%)

Yellow (84%)

Blue (6%)

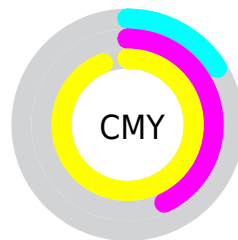


Cyan (0%)

Magenta (33%)

Yellow (93%)

Black (16%)



Cyan (16%)

Magenta (43%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D79110 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 D79110 by changing the saturation by 10% instead.



 D79110

 D79110

FFFFFF

 B87700

 FFC74F

 9A5F00

 FFE36B

 7D4700

 FFFF86

 603000

 FFFFA2

 441B00

 FFFFBE

 2B0500

 FFFFDB

 000000

 FFFFF9

 D79110

 D79110

 D78B00

 D79925

 D7A03B

 D7A851

 D7AF66

 D7B77C

 D7BE91

 D7C6A7

 D7CEBC

 D7D5D2

# Harmonies

## Analogous

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



FF7647



D79110



9FA601

# Triad

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



D79110



00BDBF



CB7FF8

# Complementary

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



D79110



1056D7

# 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.



5A9BFF



D79110



00B9F8

# Square

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



D79110



00BB7D



00AFFF



FF65C1

# Rectangle

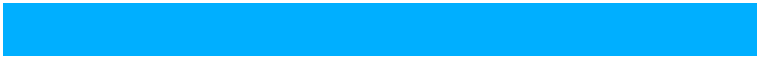
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D79110



71B02C



00AFFF



AF89FF



# Sweetspot

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



D79110



FFE6B8



D71059



807054



000000



808080



# Same Dimension

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



D79110



FFA500



BCD710



6B6760



AB6F00



2B1C00



# Inverse Universe

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



1056D7



005AFF



2B10D7



60646B



003CAB



000F2B



# Previews

## White Background



This preview shows how the Hex color D79110 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 D79110 Background



This preview shows how black text looks on a background with the Hex color D79110.



This preview shows how white text looks on a background with the Hex color D79110.

# 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**  
D79110

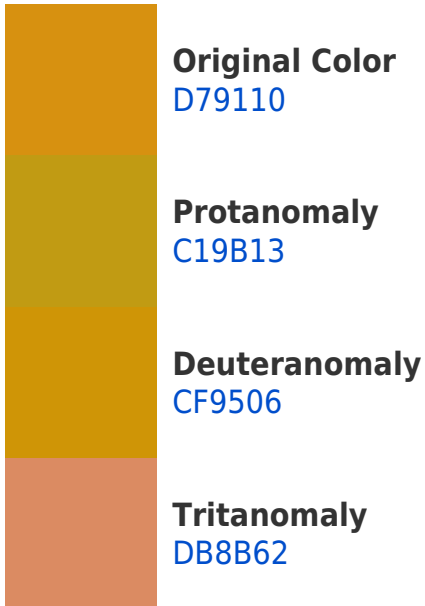
**Protanopia**  
B4A015

**Deuteranopia**  
CA9700

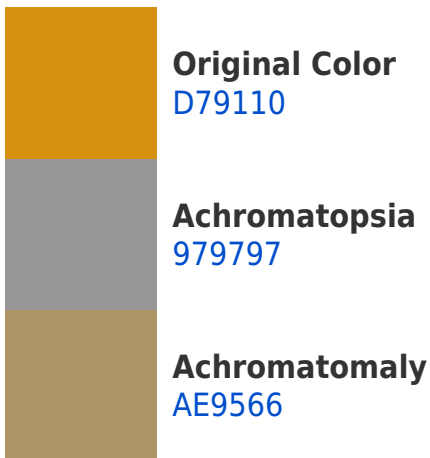


**Tritanopia**  
DD8791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D79110 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 #D79110 looks like.

```
.text, #text, p{  
    color:#D79110  
}
```

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 #D79110 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D79110
}
```

## Border

The CSS property to change the border of an element to Hex D79110 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
#D79110 }
```

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

```
.border{ border-color:#D79110 }
```

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

Here you see how a box with a 4 pixel #D79110 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D79110; -webkit-box-shadow:4px 4px  
4px 4px #D79110; box-shadow:4px 4px 4px  
4px #D79110 }
```

# Background

The CSS property to change the background color of an element to Hex D79110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D79110 }
```

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

```
.background{ background-color:#D79110 }
```

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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