

# Converting Colors

Hex(1D1110)

Have a look what the booklet for  
Hex(1D1110) contains.

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# Color

**Hex(1D1110)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D1110
RGB	29, 17, 16
RGB Percent	11%, 7%, 6%
CMY	0.8863, 0.9333, 0.9373
CMYK	0.00, 0.41, 0.45, 0.89
HSL	5°, 29%, 9%
HSV	5°, 45%, 11%
XYZ	0.8007, 0.6995, 0.5830
YIQ	20.4740, 7.4730, 2.2330

# Conversions

## Conversions Part 2

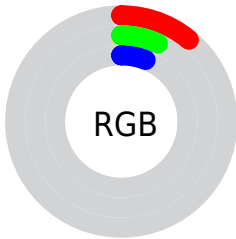
Format	Color
<a href="#">RYB</a>	<a href="#">29, 17, 16</a>
Decimal	<a href="#">1904912</a>
CIELab	<a href="#">6.32, 5.56, 2.55</a>
CIELCh	<a href="#">6, 6.122, 24.669</a>
Yxy	<a href="#">0.6995, 0.3843, 0.3358</a>
Android (android.graphics.Color)	<a href="#">4280094992</a> ( <a href="#">0xFF1D1110</a> )
YUV	<a href="#">20.4740, -2.2057, 7.4773</a>
Hunter-Lab	<a href="#">8.3637, 2.4515, 1.7215</a>

# Details

The Hex color **1D1110** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **101C1D**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **483B3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D0E0D**, and if you desaturate by 10%, it is **1D1413**.

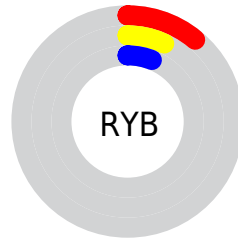
# Distribution



Red (11%)

Green (7%)

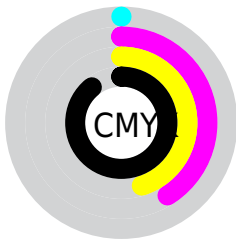
Blue (6%)



Red (11%)

Yellow (7%)

Blue (6%)

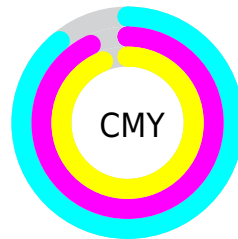


Cyan (0%)

Magenta (41%)

Yellow (45%)

Black (89%)



Cyan (89%)

Magenta (93%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D1110 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 1D1110 by changing the saturation by 10% instead.



■ 1D1110

■ 1D1110

■ FFF1F0

■ 000000

■ 483B3B

■ 605252

■ 796A6A

■ 938483

■ AD9E9D

■ C9B9B8

■ E5D4D3

■ 1D1110

■ 1D1110

■ 1D0E0D

■ 1D1413

■ 1D0C0A

■ 1D1616

■ 1D0907

■ 1D1919

■ 1D0604

■ 1D1C1C

■ 1D0401

■ 1D1E1E

■ 1D0200

■ 1D2121

■ 1D2424

■ 1D2627

■ 1D292A

# Harmonies

## Analogous

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



1C1115



1D1110



1C120B

# Triad

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



1D1110



0E160E



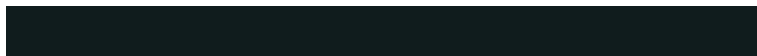
0E151C

# Complementary

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



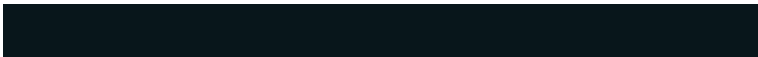
1D1110



101C1D

# 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.



08161B



1D1110



081713

# Square

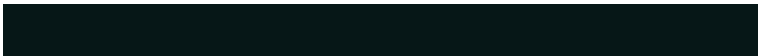
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1D1110



141509



061717



14131B

# Rectangle

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



1D1110



1A1309



061717



0C151C



# Sweetspot

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



1D1110



262221



1D101C



141111



949494



141414



# Same Dimension

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



1D1110



261312



1D1710



0F0E0E



4F0600



CF1000



# Inverse Universe

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



101C1D



122526



10161D



0E0F0F



00494F

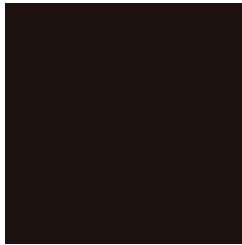


00BFCF



# Previews

## White Background



This preview shows how the Hex color 1D1110 looks on a white background.

## Color Contrast Check

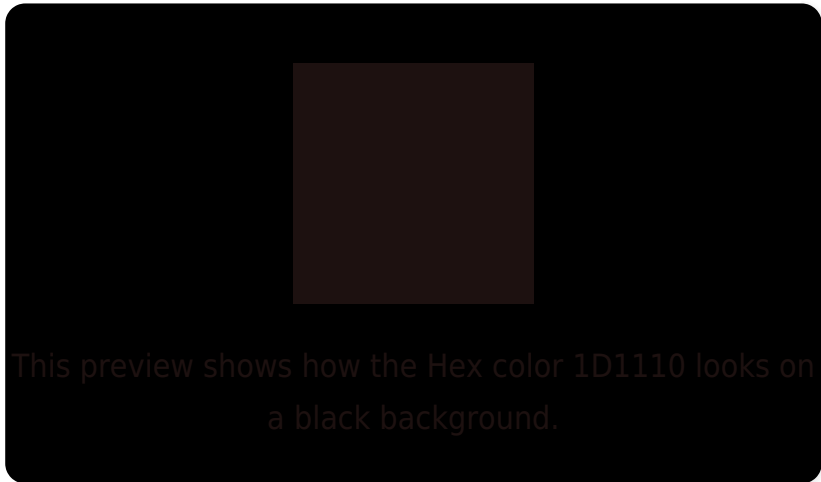
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

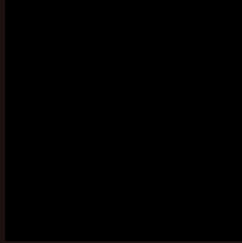
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

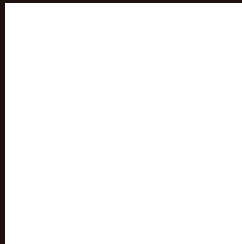
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D1110 Background



This preview shows how black text looks on a background with the Hex color 1D1110.

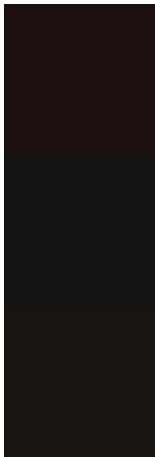


This preview shows how white text looks on a background with the Hex color 1D1110.

# 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**  
1D1110

**Protanopia**  
151412

**Deuteranopia**  
181410



**Tritanopia**  
1D1112

# Trichromacy



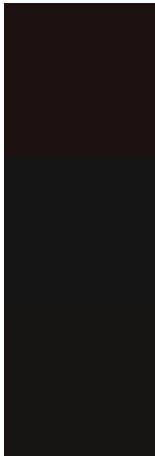
**Original Color**  
1D1110

**Protanomaly**  
181311

**Deuteranomaly**  
1A1310

**Tritanomaly**  
1D1111

# Monochromacy



**Original Color**  
1D1110

**Achromatopsia**  
141414

**Achromatomaly**  
171313

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D1110 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 #1D1110 looks like.

```
.text, #text, p{  
    color:#1D1110  
}
```

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 #1D1110 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D1110
}
```

## Border

The CSS property to change the border of an element to Hex 1D1110 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
#1D1110 }
```

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

```
.border{ border-color:#1D1110 }
```

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

Here you see how a box with a 4 pixel #1D1110 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D1110; -webkit-box-shadow:4px 4px  
4px 4px #1D1110; box-shadow:4px 4px 4px  
4px #1D1110 }
```

# Background

The CSS property to change the background color of an element to Hex 1D1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D1110 }
```

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

```
.background{ background-color:#1D1110 }
```

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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