

# Converting Colors

Hex(1D0114)

Have a look what the booklet for  
Hex(1D0114) contains.

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# Color

**Hex(1D0114)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D0114
RGB	29, 1, 20
RGB Percent	11%, 0%, 8%
CMY	0.8863, 0.9961, 0.9216
CMYK	0.00, 0.97, 0.31, 0.89
HSL	319°, 93%, 6%
HSV	319°, 97%, 11%
XYZ	0.6438, 0.3334, 0.6922
YIQ	11.5380, 10.5890, 11.8450

# Conversions

## Conversions Part 2

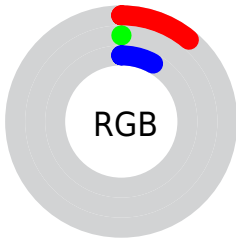
Format	Color
<a href="#">RYB</a>	<a href="#">29, 1, 20</a>
Decimal	<a href="#">1900820</a>
CIELab	<a href="#">3.01, 13.39, -4.71</a>
CIELCh	<a href="#">3, 14.195, 340.627</a>
Yxy	<a href="#">0.3334, 0.3856, 0.1997</a>
Android (android.graphics.Color)	<a href="#">4280090900 (0xFF1D0114)</a>
YUV	<a href="#">11.5380, 4.1718, 15.3142</a>
Hunter-Lab	<a href="#">5.7743, 9.7971, -3.0659</a>

# Details

The Hex color **1D0114** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **011D0A**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **47303E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D0014**, and if you desaturate by 10%, it is **1D0415**.

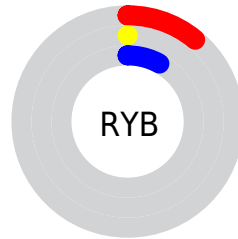
# Distribution



Red (11%)

Green (0%)

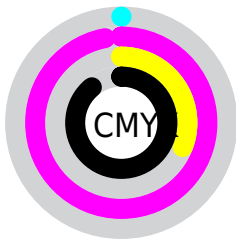
Blue (8%)



Red (11%)

Yellow (0%)

Blue (8%)

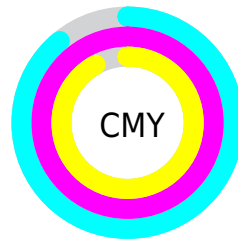


Cyan (0%)

Magenta (97%)

Yellow (31%)

Black (89%)



Cyan (89%)

Magenta (100%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D0114 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 1D0114 by changing the saturation by 10% instead.



 1D0114

 1D0114

 FFE3F4

 000000

 47303E

 5F4655

 785E6E

 927787

 AD91A1

 C8ABBC

 E4C7D8

 1D0114

 1D0114

■ 1D0014

■ 1D0415

■ 1D0716

■ 1D0A17

■ 1D0D18

■ 1D1019

■ 1D121A

■ 1D151B

■ 1D181B

■ 1D1B1C

# Harmonies

## Analogous

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



14051C



1D0114



210005

# Triad

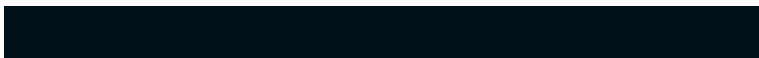
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1D0114



0A0C00



00121A

# Complementary

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



1D0114



011D0A

# 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.



001310



1D0114



001000

# Square

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



1D0114



180700



001200



000F1F

# Rectangle

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



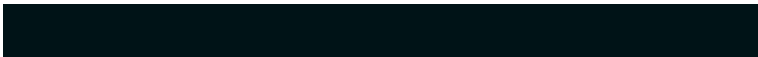
1D0114



200100



001200



001317



# Sweetspot

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



1D0114



261B23



0A011D



140D12



949494



141414



# Same Dimension

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



1D0114



26001A



1D0106



0F0E0F



4F0036



CF008C



# Inverse Universe

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



1D0114



26001A



011D18



0F0E0F



4F0036

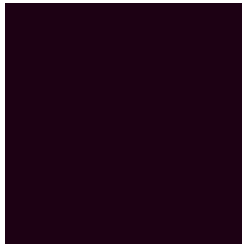


CF008C



# Previews

## White Background



This preview shows how the Hex color 1D0114 looks on a white background.

## Color Contrast Check

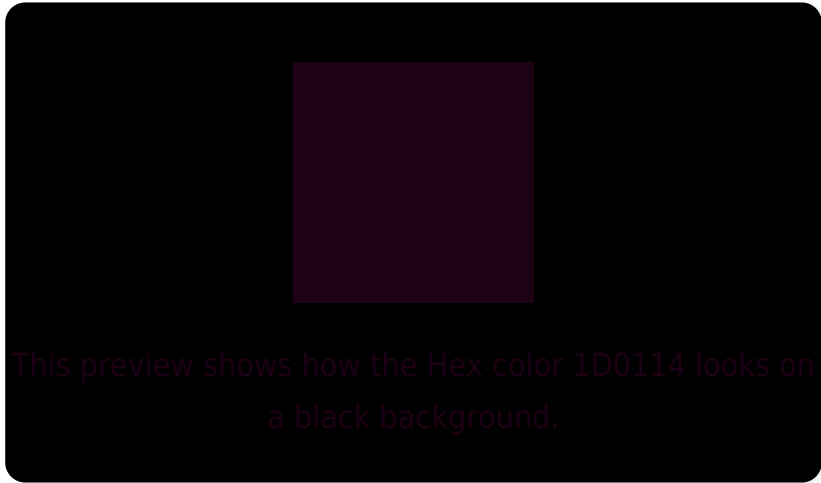
Large Text (above 18pt) WCAG AA ✓ Pass

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

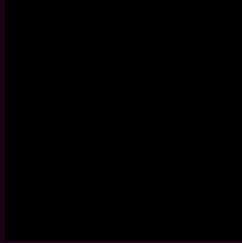
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D0114 Background



This preview shows how black text looks on a background with the Hex color 1D0114.



This preview shows how white text looks on a background with the Hex color 1D0114.

# 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](#).

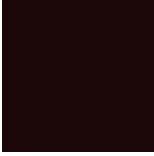
## Dichromacy



**Original Color**  
1D0114

**Protanopia**  
090F1C

**Deuteranopia**  
100F13



**Tritanopia**  
1C0808

# Trichromacy



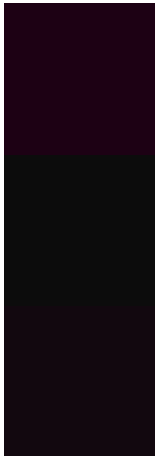
**Original Color**  
1D0114

**Protanomaly**  
100A19

**Deuteranomaly**  
150A13

**Tritanomaly**  
1C050C

# Monochromacy



**Original Color**  
1D0114

**Achromatopsia**  
0C0C0C

**Achromatomaly**  
12080F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D0114 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 #1D0114 looks like.

```
.text, #text, p{  
    color:#1D0114  
}
```

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 #1D0114 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D0114
}
```

## Border

The CSS property to change the border of an element to Hex 1D0114 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".

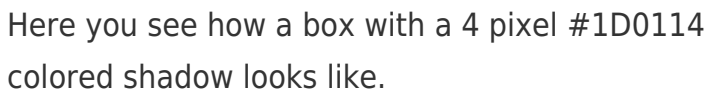
```
.border, #border, table{ border:4px solid
#1D0114 }
```

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

```
.border{ border-color:#1D0114 }
```

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

Here you see how a box with a 4 pixel #1D0114 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D0114; -webkit-box-shadow:4px 4px  
4px 4px #1D0114; box-shadow:4px 4px 4px  
4px #1D0114 }
```

# Background

The CSS property to change the background color of an element to Hex 1D0114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D0114 }
```

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

```
.background{ background-color:#1D0114 }
```

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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