

# Converting Colors

Hex(1F0714)

Have a look what the booklet for  
Hex(1F0714) contains.

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# Color

**Hex(1F0714)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F0714
RGB	31, 7, 20
RGB Percent	12%, 3%, 8%
CMY	0.8784, 0.9725, 0.9216
CMYK	0.00, 0.77, 0.35, 0.88
HSL	328°, 63%, 7%
HSV	328°, 77%, 12%
XYZ	0.7673, 0.4938, 0.7167
YIQ	15.6580, 10.1310, 9.1310

# Conversions

## Conversions Part 2

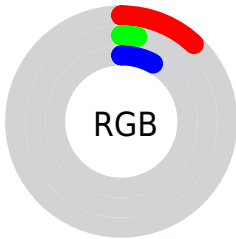
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 7, 20
Decimal	2033428
CIE Lab	4.46, 12.21, -2.56
CIE LCh	4, 12.473, 348.151
Yxy	0.4938, 0.3880, 0.2497
Android (android.graphics.Color)	4280223508 (0xFF1F0714)
YUV	15.6580, 2.1406, 13.4549
Hunter-Lab	7.0269, 7.1948, -1.1283

# Details

The Hex color **1F0714** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **071F12**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **4A343E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F0413**, and if you desaturate by 10%, it is **1F0A15**.

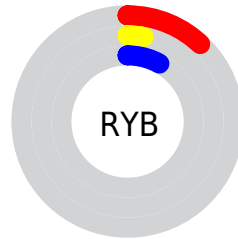
# Distribution



Red (12%)

Green (3%)

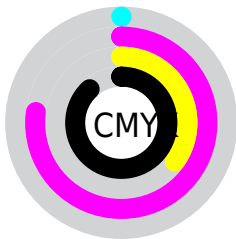
Blue (8%)



Red (12%)

Yellow (3%)

Blue (8%)

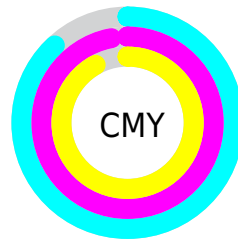


Cyan (0%)

Magenta (77%)

Yellow (35%)

Black (88%)



Cyan (88%)

Magenta (97%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F0714 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 1F0714 by changing the saturation by 10% instead.



 1F0714

 1F0714

 FFE7F4

 000000

 4A343E

 624A55

 7C626E

 967B87

 B095A1

 CCB0BC

 E8CBD8

 1F0714

 1F0714

■ 1F0413

■ 1F0A15

■ 1F0111

■ 1F0D17

■ 1F0011

■ 1F1018

■ 1F131A

■ 1F171B

■ 1F1A1D

■ 1F1D1E

■ 1F201F

■ 1F2321

# Harmonies

## Analogous

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



180A1C



1F0714



220707

# Triad

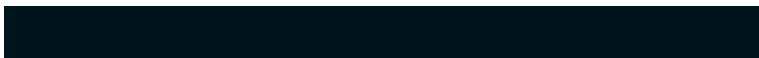
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1F0714



0E1100



00141C

# Complementary

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



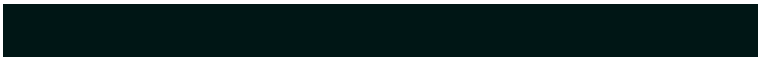
1F0714



071F12

# 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.



001615



1F0714



011400

# Square

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



1F0714



190D00



001509



001220

# Rectangle

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



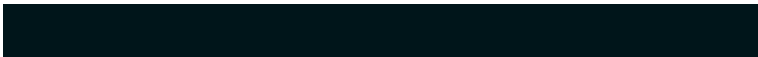
1F0714



210800



001509



00151A



# Sweetspot

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



1F0714



291F24



12071F



140F12



949494



141414



# Same Dimension

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



1F0714



290317



1F0708



0F0E0F



4F002B



CF0070



# Inverse Universe

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



1F0714



290317



071F1E



0F0E0F



4F002B

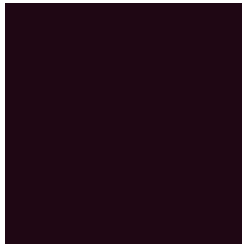


CF0070



# Previews

## White Background



This preview shows how the Hex color 1F0714 looks on a white background.

## Color Contrast Check

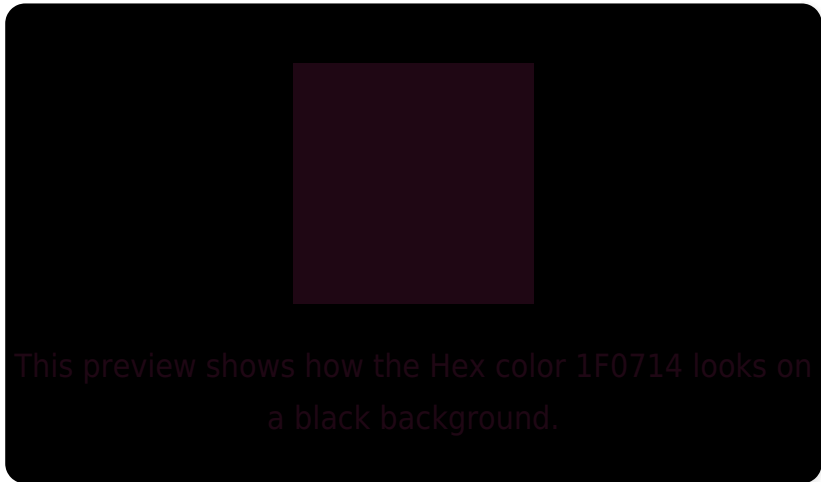
Large Text (above 18pt) WCAG AA ✓ Pass

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

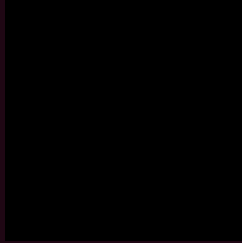
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F0714 Background



This preview shows how black text looks on a background with the Hex color 1F0714.



This preview shows how white text looks on a background with the Hex color 1F0714.

# 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**

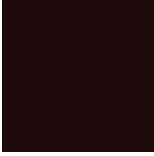
1F0714

**Protanopia**

0E111B

**Deuteranopia**

121113



**Tritanopia**  
1E0A0A

# Trichromacy



**Original Color**

1F0714

**Protanomaly**

140D18

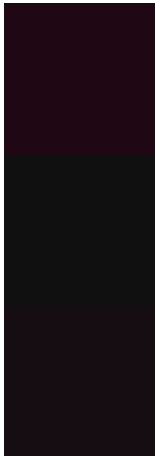
**Deuteranomaly**

170D13

**Tritanomaly**

1E090E

# Monochromacy



**Original Color**

1F0714

**Achromatopsia**

101010

**Achromatomaly**

150D11

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F0714 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 #1F0714 looks like.

```
.text, #text, p{  
    color:#1F0714  
}
```

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 #1F0714 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F0714
}
```

## Border

The CSS property to change the border of an element to Hex 1F0714 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
#1F0714 }
```

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

```
.border{ border-color:#1F0714 }
```

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

Here you see how a box with a 4 pixel #1F0714 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F0714; -webkit-box-shadow:4px 4px  
4px 4px #1F0714; box-shadow:4px 4px 4px  
4px #1F0714 }
```

# Background

The CSS property to change the background color of an element to Hex 1F0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F0714 }
```

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

```
.background{ background-color:#1F0714 }
```

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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