

Converting Colors

Hex(180712)

Have a look what the booklet for
Hex(180712) contains.

Hex(180712)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(180712)

Conversions

Conversions Part 1

Format	Color
Hex	180712
RGB	24, 7, 18
RGB Percent	9%, 3%, 7%
CMY	0.9059, 0.9725, 0.9294
CMYK	0.00, 0.71, 0.25, 0.91
HSL	321°, 55%, 6%
HSV	321°, 71%, 9%
XYZ	0.5618, 0.3898, 0.6179
YIQ	13.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

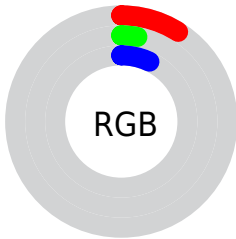
Format	Color
RYB	24, 7, 18
Decimal	1574674
CIELab	3.52, 7.84, -2.77
CIELCh	4, 8.312, 340.556
Yxy	0.3898, 0.3580, 0.2484
Android (android.graphics.Color)	4279764754 (0xFF180712)
YUV	13.3370, 2.2989, 9.3515
Hunter-Lab	6.2436, 5.1367, -1.4972

Details

The Hex color **180712** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **07180D**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **42343C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **180511**, and if you desaturate by 10%, it is **180913**.

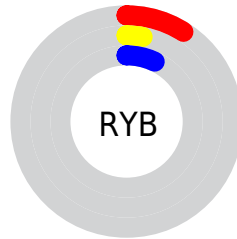
Distribution



Red (9%)

Green (3%)

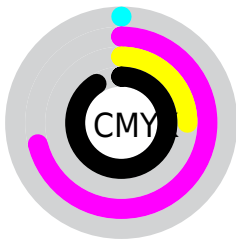
Blue (7%)



Red (9%)

Yellow (3%)

Blue (7%)

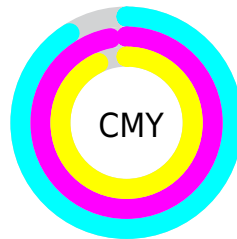


Cyan (0%)

Magenta (71%)

Yellow (25%)

Black (91%)



Cyan (91%)

Magenta (97%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180712 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 180712 by changing the saturation by 10% instead.

■ 180712

■ 180712

■ FAE8F2

■ 000000

■ 42343C

■ 594B53

■ 72636C

■ 8C7C85

■ A6959F

■ C1B0BA

■ DDCBD6

■ 180712

■ 180712

■ 180511

■ 180913

■ 180210

■ 180C14

■ 180010

■ 180E15

■ 181115

■ 181316

■ 181517

■ 181818

■ 181A19

■ 181D1A

Harmonies

Analogous

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



120917



180712



1B0609

Triad

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



180712



0F0D00



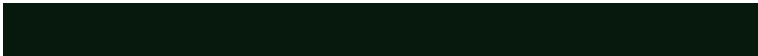
001116

Complementary

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



180712



07180D

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.



00120F



180712



061000

Square

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



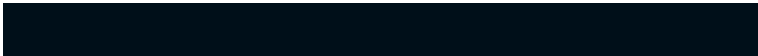
180712



160A00



001106



000F19

Rectangle

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



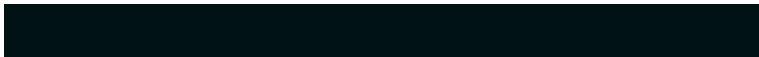
180712



1B0703



001106



001114

Sweetspot

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



180712



1F181C



0D0718



0F0B0E



8F8F8F



0F0F0F

Same Dimension

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



180712



1F0515



18070A



0D0B0C



4D0031



CC0084

Inverse Universe

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



180712



1F0515



071815



0D0B0C



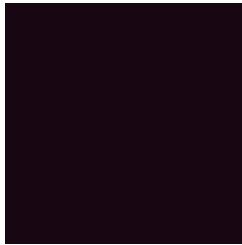
4D0032



CC0084

Previews

White Background



This preview shows how the Hex color 180712 looks on a white background.

Color Contrast Check

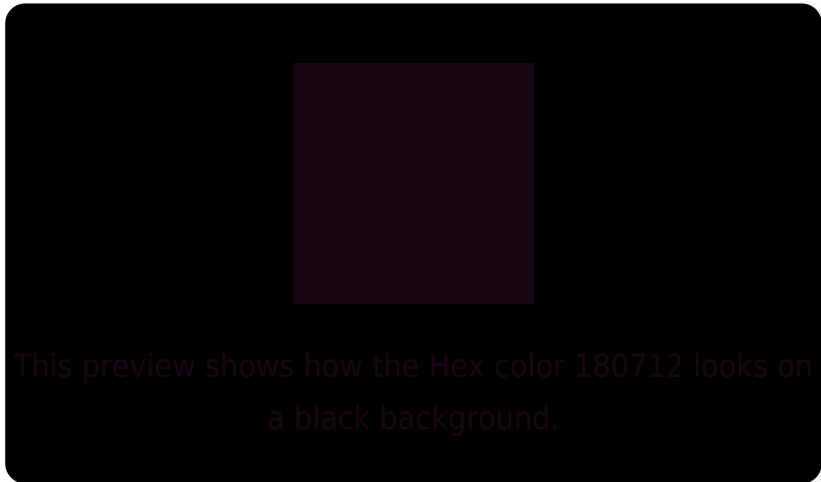
Large Text (above 18pt) WCAG AA ✓ Pass

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

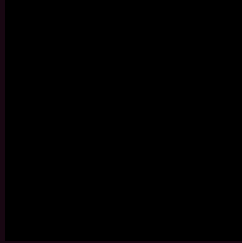
Any Text WCAG AA × Fail

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 180712 Background



This preview shows how black text looks on a background with the Hex color 180712.



This preview shows how white text looks on a background with the Hex color 180712.

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
180712

Protanopia
0A0E17

Deuteranopia
0E0E11



Tritanopia
17090A

Trichromacy



Original Color
180712

Protanomaly
0F0B15

Deuteranomaly
120B11

Tritanomaly
17080D

Monochromacy



Original Color
180712

Achromatopsia
0D0D0D

Achromatomaly
110B0F

CSS Examples

Text

The CSS property to change the color of the text to Hex 180712 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 #180712 looks like.

```
.text, #text, p{  
    color:#180712  
}
```

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 #180712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180712
}
```

Border

The CSS property to change the border of an element to Hex 180712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

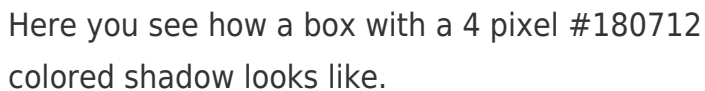
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#180712 }
```

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

```
.border{ border-color:#180712 }
```

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



Here you see how a box with a 4 pixel #180712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180712; -webkit-box-shadow:4px 4px  
4px 4px #180712; box-shadow:4px 4px 4px  
4px #180712 }
```

Background

The CSS property to change the background color of an element to Hex 180712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180712 }
```

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

```
.background{ background-color:#180712 }
```

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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