

Converting Colors

Hex(180F21)

Have a look what the booklet for
Hex(180F21) contains.

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Color

Hex(180F21)

Conversions

Conversions Part 1

Format	Color
Hex	180F21
RGB	24, 15, 33
RGB Percent	9%, 6%, 13%
CMY	0.9059, 0.9412, 0.8706
CMYK	0.27, 0.55, 0.00, 0.87
HSL	270°, 38%, 9%
HSV	270°, 55%, 13%
XYZ	0.8220, 0.6456, 1.5201
YIQ	19.7430, -0.4140, 7.5060

Conversions

Conversions Part 2

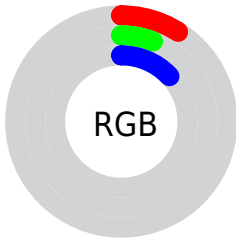
Format	Color
R_{YB}	24, 15, 33
Decimal	1576737
CIE Lab	5.83, 8.54, -10.52
CIE LCh	6, 13.545, 309.062
Yxy	0.6456, 0.2751, 0.2161
Android (android.graphics.Color)	4279766817 (0xFF180F21)
YUV	19.7430, 6.5357, 3.7334
Hunter-Lab	8.0352, 4.1995, -5.5922

Details

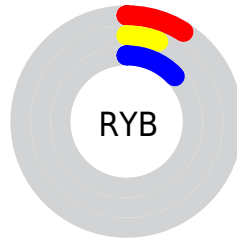
The Hex color **180F21** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **18210F**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **43394D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **160C21**, and if you desaturate by 10%, it is **1A1221**.

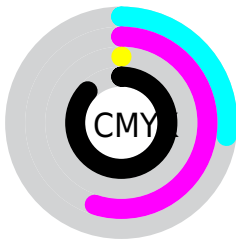
Distribution



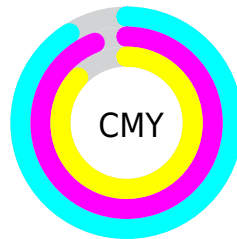
- Red (9%)
- Green (6%)
- Blue (13%)



- Red (9%)
- Yellow (6%)
- Blue (13%)



- Cyan (27%)
- Magenta (55%)
- Yellow (0%)
- Black (87%)



- Cyan (91%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180F21 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 180F21 by changing the saturation by 10% instead.

■ 180F21

■ 180F21

■ FBEEFF

■ 000008

■ 43394D

■ 000000

■ 5A5065

■ 73697E

■ 8C8298

■ A79CB3

■ C2B7CE

■ DED2EB

■ 180F21

■ 180F21

■ 160C21

■ 1A1221

■ 150821

■ 1B1621

■ 130521

■ 1D1921

■ 110221

■ 1F1C21

■ 110021

■ 202021

■ 222321

■ 242621

■ 252921

■ 272D21

Harmonies

Analogous

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



091325



180F21



210C1A

Triad

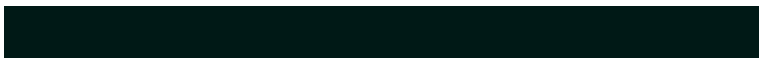
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180F21



1F1000



001916

Complementary

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



180F21



18210F

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.



001809



180F21



161300

Square

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



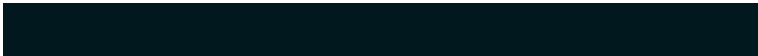
180F21



240C01



0B1600



00181E

Rectangle

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



180F21



240B14



0B1600



001912

Sweetspot

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



180F21



28242B



0F1821



151317



969696



171717

Same Dimension

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



180F21



1D0F2B



210F21



0F0E0F



28004F



6700CF

Inverse Universe

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



210F18



2B0F1D



0F210F



0F0E0F



4F0028



CF0067

Previews

White Background



This preview shows how the Hex color 180F21 looks on a white background.

Color Contrast Check

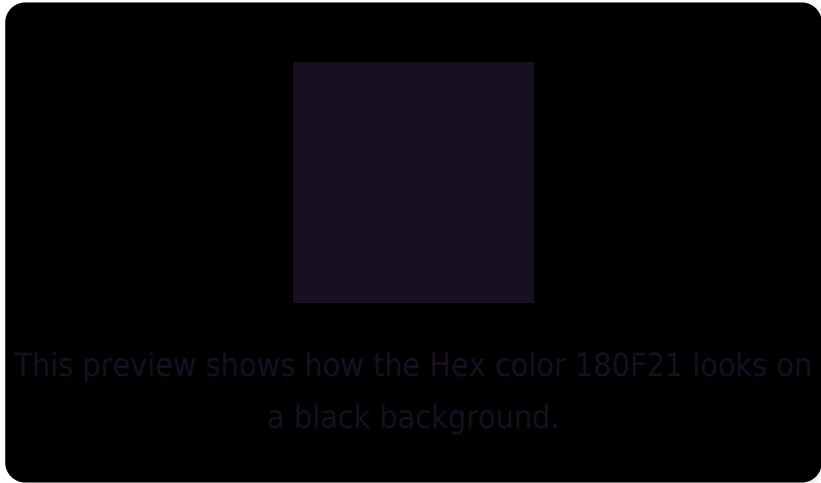
Large Text (above 18pt) WCAG AA ✓ Pass

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

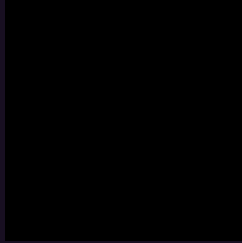
Any Text WCAG AA × Fail

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 180F21 Background



This preview shows how black text looks on a background with the Hex color 180F21.



This preview shows how white text looks on a background with the Hex color 180F21.

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
180F21

Protanopia
091325

Deuteranopia
0B1320



Tritanopia
161214

Trichromacy



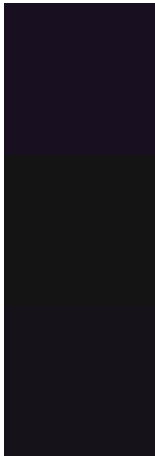
Original Color
180F21

Protanomaly
0E1224

Deuteranomaly
101220

Tritanomaly
171119

Monochromacy



Original Color
180F21

Achromatopsia
141414

Achromatomaly
151219

CSS Examples

Text

The CSS property to change the color of the text to Hex 180F21 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 #180F21 looks like.

```
.text, #text, p{  
    color:#180F21  
}
```

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 #180F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180F21
}
```

Border

The CSS property to change the border of an element to Hex 180F21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

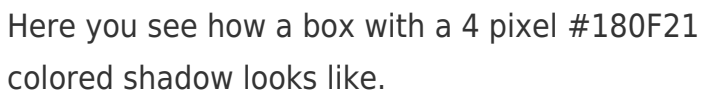
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#180F21 }
```

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

```
.border{ border-color:#180F21 }
```

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



Here you see how a box with a 4 pixel #180F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180F21; -webkit-box-shadow:4px 4px  
4px 4px #180F21; box-shadow:4px 4px 4px  
4px #180F21 }
```

Background

The CSS property to change the background color of an element to Hex 180F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180F21 }
```

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

```
.background{ background-color:#180F21 }
```

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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