

Converting Colors

Hex(21151D)

Have a look what the booklet for
Hex(21151D) contains.

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Color

Hex(21151D)

Conversions

Conversions Part 1

Format	Color
Hex	21151D
RGB	33, 21, 29
RGB Percent	13%, 8%, 11%
CMY	0.8706, 0.9176, 0.8863
CMYK	0.00, 0.36, 0.12, 0.87
HSL	320°, 22%, 11%
HSV	320°, 36%, 13%
XYZ	1.1171, 0.9484, 1.2866
YIQ	25.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

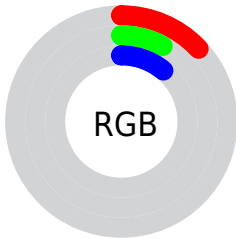
Format	Color
RYB	33, 21, 29
Decimal	2168093
CIELab	8.55, 7.85, -3.22
CIELCh	9, 8.482, 337.693
Yxy	0.9484, 0.3333, 0.2829
Android (android.graphics.Color)	4280358173 (0xFF21151D)
YUV	25.5000, 1.7255, 6.5775
Hunter-Lab	9.7384, 3.4342, -1.0161

Details

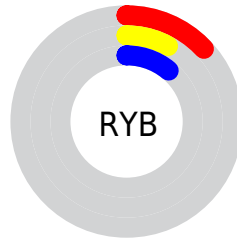
The Hex color **21151D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **152119**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **4D3F48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21121C**, and if you desaturate by 10%, it is **21181E**.

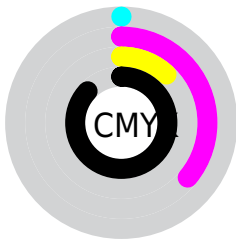
Distribution



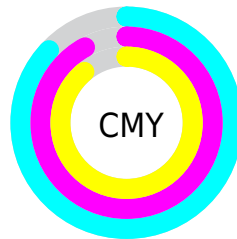
- Red (13%)
- Green (8%)
- Blue (11%)



- Red (13%)
- Yellow (8%)
- Blue (11%)



- Cyan (0%)
- Magenta (36%)
- Yellow (12%)
- Black (87%)



- Cyan (87%)
- Magenta (92%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21151D 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 21151D by changing the saturation by 10% instead.

■ 21151D

■ 21151D

■ FFF6FF

■ 030002

■ 4D3F48

■ 000000

■ 655760

■ 7E6F79

■ 988893

■ B3A3AD

■ CFBEC9

■ EBD AE5

■ 21151D

■ 21151D

■ 21121C

■ 21181E

■ 210E1B

■ 211C1F

■ 210B1A

■ 211F20

■ 210819

■ 212221

■ 210418

■ 212623

■ 210116

■ 212924

■ 210016

■ 212C25

■ 212F26

■ 213327

Harmonies

Analogous

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



1B1722



21151D



241417

Triad

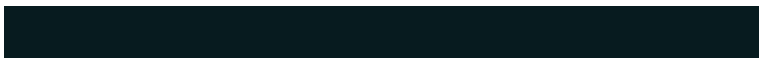
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21151D



1C190B



071B1F

Complementary

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



21151D



152119

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.



081C1A



21151D



151A0E

Square

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



21151D



21170C



0E1B14



0B1A23

Rectangle

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



21151D



241513



0E1B14



061C1E

Sweetspot

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



21151D



2B272A



191521



171416



969696



171717

Same Dimension

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



21151D



2B1825



211517



0F0E0F



4F0035



CF008A

Inverse Universe

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



21151D



2B1825



15211F



0F0E0F



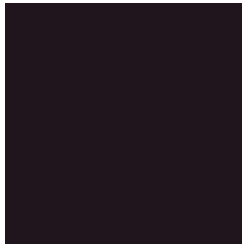
4F0035



CF008A

Previews

White Background



This preview shows how the Hex color 21151D looks on a white background.

Color Contrast Check

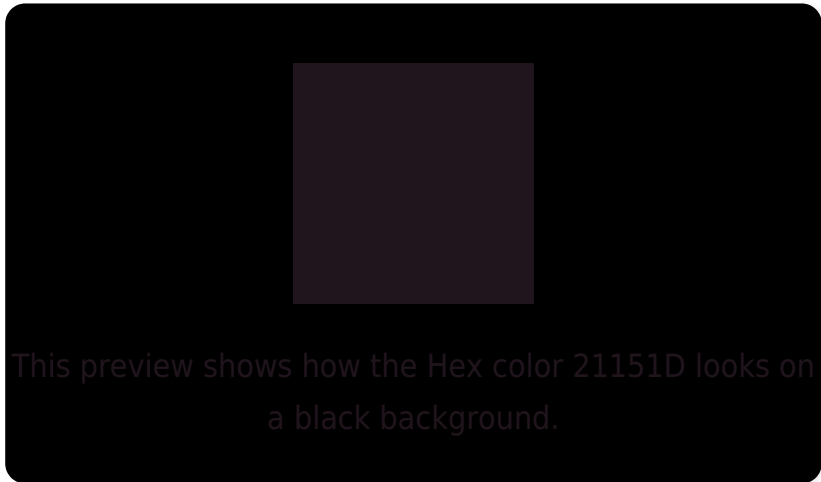
Large Text (above 18pt) WCAG AA ✓ Pass

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

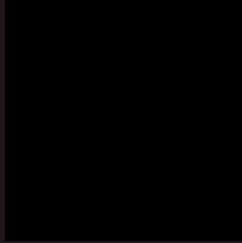
Any Text WCAG AA × Fail

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 21151D Background



This preview shows how black text looks on a background with the Hex color 21151D.

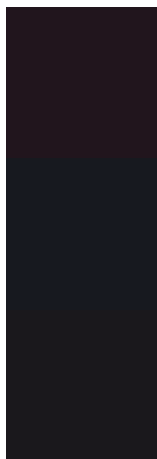


This preview shows how white text looks on a background with the Hex color 21151D.

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

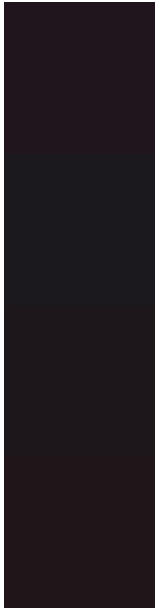


Original Color
21151D

Protanopia
17191F

Deuteranopia
1A181C

Trichromacy



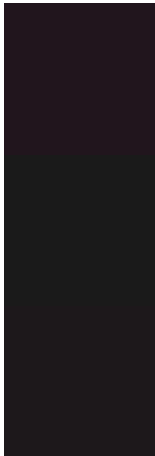
Original Color
21151D

Protanomaly
1B181E

Deuteranomaly
1D171C

Tritanomaly
20161A

Monochromacy



Original Color
21151D

Achromatopsia
1A1A1A

Achromatomaly
1D181B

CSS Examples

Text

The CSS property to change the color of the text to Hex 21151D 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 #21151D looks like.

```
.text, #text, p{  
    color:#21151D  
}
```

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 #21151D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21151D
}
```

Border

The CSS property to change the border of an element to Hex 21151D 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
#21151D }
```

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

```
.border{ border-color:#21151D }
```

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

Here you see how a box with a 4 pixel #21151D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21151D; -webkit-box-shadow:4px 4px  
4px 4px #21151D; box-shadow:4px 4px 4px  
4px #21151D }
```

Background

The CSS property to change the background color of an element to Hex 21151D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21151D }
```

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

```
.background{ background-color:#21151D }
```

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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