

Converting Colors

Hex(1E0213)

Have a look what the booklet for
Hex(1E0213) contains.

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Color

Hex(1E0213)

Conversions

Conversions Part 1

Format	Color
Hex	1E0213
RGB	30, 2, 19
RGB Percent	12%, 1%, 7%
CMY	0.8824, 0.9922, 0.9255
CMYK	0.00, 0.93, 0.37, 0.88
HSL	324°, 88%, 6%
HSV	324°, 93%, 12%
XYZ	0.6747, 0.3665, 0.6513
YIQ	12.3100, 11.2310, 11.2230

Conversions

Conversions Part 2

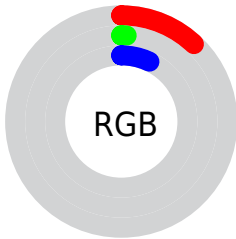
Format	Color
R_{YB}	30, 2, 19
Decimal	1966611
CIE Lab	3.31, 13.37, -3.61
CIE LCh	3, 13.848, 344.896
Yxy	0.3665, 0.3986, 0.2165
Android (android.graphics.Color)	4280156691 (0xFF1E0213)
YUV	12.3100, 3.2982, 15.5141
Hunter-Lab	6.0535, 9.3003, -2.1412

Details

The Hex color **1E0213** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **021E0D**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **49303D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E0012**, and if you desaturate by 10%, it is **1E0514**.

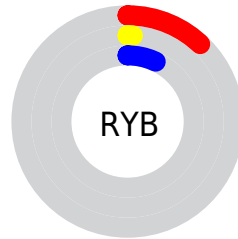
Distribution



Red (12%)

Green (1%)

Blue (7%)



Red (12%)

Yellow (1%)

Blue (7%)

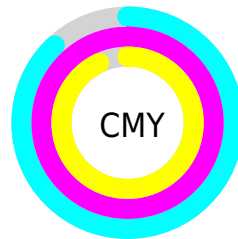


Cyan (0%)

Magenta (93%)

Yellow (37%)

Black (88%)



Cyan (88%)

Magenta (99%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E0213 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 1E0213 by changing the saturation by 10% instead.

 1E0213

 1E0213

 FFE3F3

 000000

 49303D

 614754

 7A5F6D

 947886

 AE91A0

 CAACBB

 E6C7D7

 1E0213

 1E0213

■ 1E0012

■ 1E0514

■ 1E0815

■ 1E0B17

■ 1E0E18

■ 1E1119

■ 1E141A

■ 1E171B

■ 1E1A1C

■ 1E1D1E

Harmonies

Analogous

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



16051B



1E0213



210104

Triad

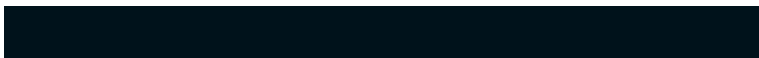
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1E0213



090E00



00121B

Complementary

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



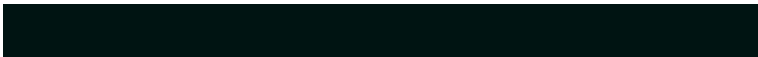
1E0213



021E0D

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.



001412



1E0213



001100

Square

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



1E0213



170900



001303



000F1F

Rectangle

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



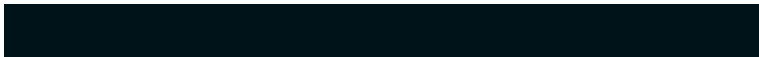
1E0213



200300



001303



001318

Sweetspot

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



1E0213



261C22



0D021E



140D12



949494



141414

Same Dimension

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



1E0213



260017



1E0205



0F0E0F



4F0030



CF007D

Inverse Universe

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



1E0213



260017



021E1B



0F0E0F



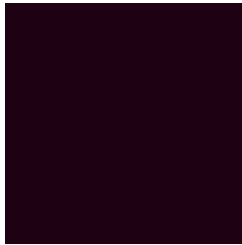
4F0030



CF007D

Previews

White Background



This preview shows how the Hex color 1E0213 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

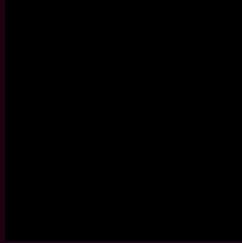
Any Text WCAG AA × Fail

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 1E0213 Background



This preview shows how black text looks on a background with the Hex color 1E0213.



This preview shows how white text looks on a background with the Hex color 1E0213.

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](#).

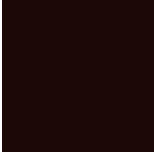
Dichromacy



Original Color
1E0213

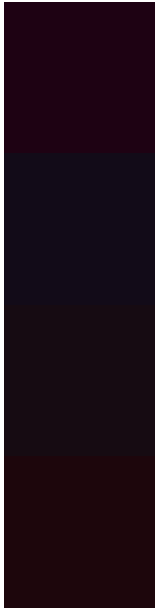
Protanopia
0B101B

Deuteranopia
111012



Tritanopia
1D0808

Trichromacy



Original Color
1E0213

Protanomaly
120B18

Deuteranomaly
160B12

Tritanomaly
1D060C

Monochromacy



Original Color
1E0213

Achromatopsia
0C0C0C

Achromatomaly
13080F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E0213 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 #1E0213 looks like.

```
.text, #text, p{  
    color:#1E0213  
}
```

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 #1E0213 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E0213
}
```

Border

The CSS property to change the border of an element to Hex 1E0213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

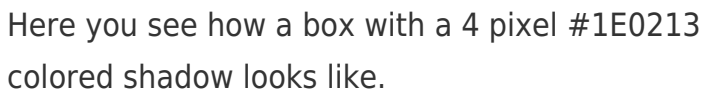
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E0213 }
```

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

```
.border{ border-color:#1E0213 }
```

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



Here you see how a box with a 4 pixel #1E0213 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E0213; -webkit-box-shadow:4px 4px  
4px 4px #1E0213; box-shadow:4px 4px 4px  
4px #1E0213 }
```

Background

The CSS property to change the background color of an element to Hex 1E0213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E0213 }
```

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

```
.background{ background-color:#1E0213 }
```

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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