

Converting Colors

Hex(1E1F38)

Have a look what the booklet for
Hex(1E1F38) contains.

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Color

Hex(1E1F38)

Conversions

Conversions Part 1

Format	Color
Hex	1E1F38
RGB	30, 31, 56
RGB Percent	12%, 12%, 22%
CMY	0.8824, 0.8784, 0.7804
CMYK	0.46, 0.45, 0.00, 0.78
HSL	238°, 30%, 17%
HSV	238°, 46%, 22%
XYZ	1.7392, 1.5415, 3.9473
YIQ	33.5510, -8.6210, 7.5630

Conversions

Conversions Part 2

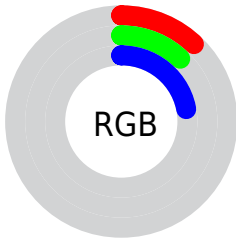
Format	Color
RYB	30, 31, 56
Decimal	1974072
CIELab	12.87, 7.32, -16.42
CIELCh	13, 17.975, 294.029
Yxy	1.5415, 0.2406, 0.2133
Android (android.graphics.Color)	4280164152 (0xFF1E1F38)
YUV	33.5510, 11.0674, -3.1142
Hunter-Lab	12.4158, 3.2769, -10.1586

Details

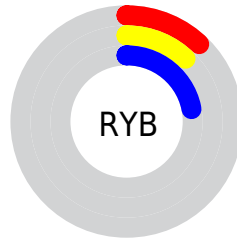
The Hex color **1E1F38** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **38371E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **4B4B67**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **181A38**, and if you desaturate by 10%, it is **242438**.

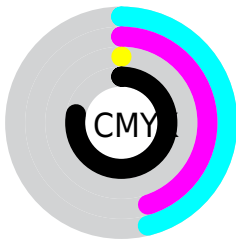
Distribution



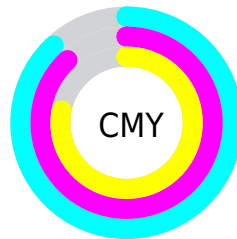
- Red (12%)
- Green (12%)
- Blue (22%)



- Red (12%)
- Yellow (12%)
- Blue (22%)



- Cyan (46%)
- Magenta (45%)
- Yellow (0%)
- Black (78%)



- Cyan (88%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E1F38 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 1E1F38 by changing the saturation by 10% instead.

■ 1E1F38

■ 1E1F38

FFFFFF

■ 090623

■ 4B4B67

■ 00000A

■ 646280

■ 000000

■ 7D7B9A

■ 9795B5

■ B2B0D1

■ CDCBED

■ EAE7FF

■ 1E1F38

■ 1E1F38

■ 181A38

■ 242438

■ 131438

■ 292A38

■ 0D0F38

■ 2F2F38

■ 080938

■ 343538

■ 020438

■ 3A3A38

■ 000238

■ 403F38

■ 454538

■ 4B4A38

■ 504F38

Harmonies

Analogous

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



02233A



1E1F38



2E1A30

Triad

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



1E1F38



341B0C



00271E

Complementary

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



1E1F38



38371E

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.



0F2612



1E1F38



2B2003

Square

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



1E1F38



381718



1F2406



00272B

Rectangle

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



1E1F38



351828



1F2406



02271A

Sweetspot

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



1E1F38



40404A



1E3837



202026



A6A6A6



262626

Same Dimension

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



1E1F38



21224A



2A1E38



19191C



00045C



0008DB

Inverse Universe

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



381E1F



4A2122



2C381E



1C1919



5C0004



DB0008

Previews

White Background



This preview shows how the Hex color 1E1F38 looks on a white background.

Color Contrast Check

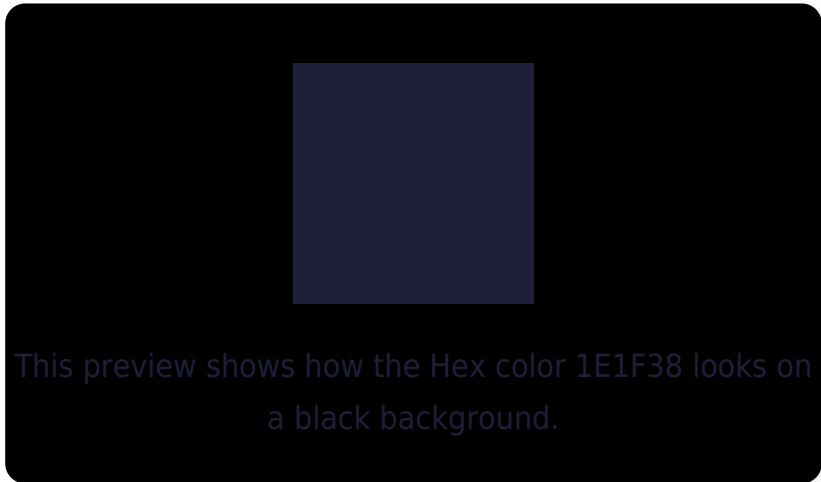
Large Text (above 18pt) WCAG AA ✓ Pass

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

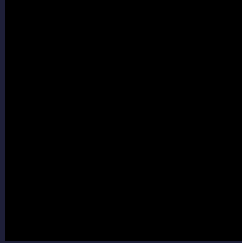
Any Text WCAG AA × Fail

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 1E1F38 Background



This preview shows how black text looks on a background with the Hex color 1E1F38.



This preview shows how white text looks on a background with the Hex color 1E1F38.

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](#).

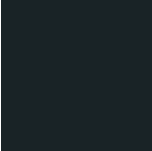
Dichromacy



Original Color
1E1F38

Protanopia
16213A

Deuteranopia
132237



Tritanopia
192326

Trichromacy



Original Color
1E1F38

Protanomaly
192039

Deuteranomaly
172137

Tritanomaly
1B222D

Monochromacy



Original Color
1E1F38

Achromatopsia
222222

Achromatomaly
21212A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E1F38 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 #1E1F38 looks like.

```
.text, #text, p{  
    color:#1E1F38  
}
```

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 #1E1F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E1F38
}
```

Border

The CSS property to change the border of an element to Hex 1E1F38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

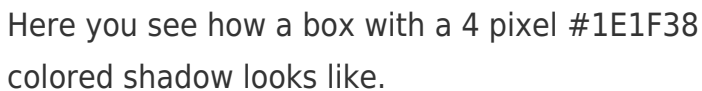
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E1F38 }
```

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

```
.border{ border-color:#1E1F38 }
```

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



Here you see how a box with a 4 pixel #1E1F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E1F38; -webkit-box-shadow:4px 4px  
4px 4px #1E1F38; box-shadow:4px 4px 4px  
4px #1E1F38 }
```

Background

The CSS property to change the background color of an element to Hex 1E1F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E1F38 }
```

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

```
.background{ background-color:#1E1F38 }
```

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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