

Converting Colors

Hex(1E2F13)

Have a look what the booklet for
Hex(1E2F13) contains.

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Color

Hex(1E2F13)

Conversions

Conversions Part 1

Format	Color
Hex	1E2F13
RGB	30, 47, 19
RGB Percent	12%, 18%, 7%
CMY	0.8824, 0.8157, 0.9255
CMYK	0.36, 0.00, 0.60, 0.82
HSL	96°, 42%, 13%
HSV	96°, 60%, 18%
XYZ	1.6695, 2.3561, 0.9829
YIQ	38.7250, -1.1440, -12.3120

Conversions

Conversions Part 2

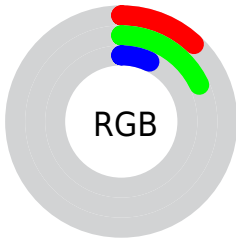
Format	Color
R _Y B	19, 47, 36
Decimal	1978131
CIE Lab	17.25, -13.37, 15.69
CIE LCh	17, 20.614, 130.424
Yxy	2.3561, 0.3333, 0.4704
Android (android.graphics.Color)	4280168211 (0xFF1E2F13)
YUV	38.7250, -9.7244, -7.6518
Hunter-Lab	15.3495, -7.4471, 6.9481

Details

The Hex color **1E2F13** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24132F**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4B5D3E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B2F0E**, and if you desaturate by 10%, it is **212F18**.

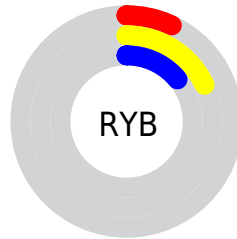
Distribution



Red (12%)

Green (18%)

Blue (7%)



Red (7%)

Yellow (18%)

Blue (14%)

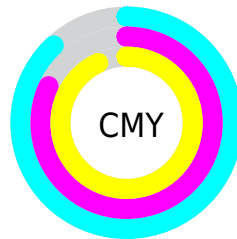


Cyan (36%)

Magenta (0%)

Yellow (60%)

Black (82%)



Cyan (88%)

Magenta (82%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E2F13 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 1E2F13 by changing the saturation by 10% instead.

 1E2F13

 1E2F13

 FFFFF5

 061B00

 4B5D3E

 000000

 637655


 7C8F6E

 96AA87

 B1C5A1

 CDE1BC

 E9FED8

 1E2F13

 1E2F13

■ 1B2F0E

■ 212F18

■ 182F0A

■ 242F1C

■ 152F05

■ 272F21

■ 132F00

■ 292F26

■ 122F00

■ 2C2F2B

■ 2F2F2F

■ 322F34

■ 352F39

■ 382F3D

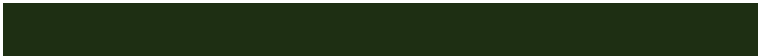
Harmonies

Analogous

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



2E2B0B



1E2F13



063120

Triad

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



1E2F13



002F46



461E26

Complementary

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



1E2F13



24132F

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.



401F35



1E2F13



1A2A47

Square

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



1E2F13



00313D



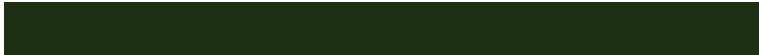
322441



442118

Rectangle

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



1E2F13



00322A



322441



451E2B

Sweetspot

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



1E2F13



373D32



2F2413



1B1F18



9E9E9E



1F1F1F

Same Dimension

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



1E2F13



233D12



132F16



161715



225700



54D600

Inverse Universe

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



24132F



2C123D



2F132C



161517



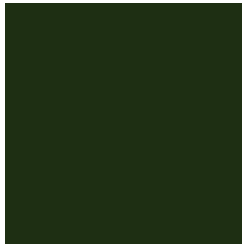
350057



8200D6

Previews

White Background



This preview shows how the Hex color 1E2F13 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

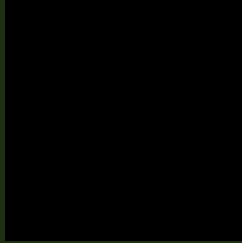
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

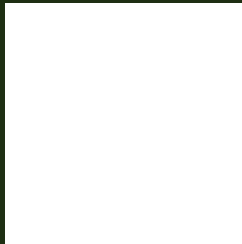
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1E2F13 Background



This preview shows how black text looks on a background with the Hex color 1E2F13.



This preview shows how white text looks on a background with the Hex color 1E2F13.

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
1E2F13

Protanopia
2F2B12

Deuteranopia
342815



Tritanopia
222C30

Trichromacy



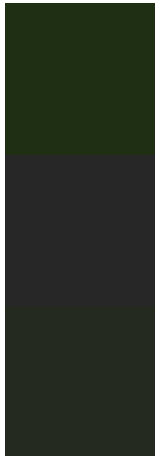
Original Color
1E2F13

Protanomaly
292C12

Deuteranomaly
2C2B14

Tritanomaly
212D25

Monochromacy



Original Color
1E2F13

Achromatopsia
272727

Achromatomaly
242A20

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E2F13 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 #1E2F13 looks like.

```
.text, #text, p{  
    color:#1E2F13  
}
```

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 #1E2F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E2F13
}
```

Border

The CSS property to change the border of an element to Hex 1E2F13 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
#1E2F13 }
```

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

```
.border{ border-color:#1E2F13 }
```

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

Here you see how a box with a 4 pixel #1E2F13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E2F13; -webkit-box-shadow:4px 4px  
4px 4px #1E2F13; box-shadow:4px 4px 4px  
4px #1E2F13 }
```

Background

The CSS property to change the background color of an element to Hex 1E2F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E2F13 }
```

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

```
.background{ background-color:#1E2F13 }
```

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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