

Converting Colors

Hex(1E2F07)

Have a look what the booklet for
Hex(1E2F07) contains.

Hex(1E2F07)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1E2F07)

Conversions

Conversions Part 1

Format	Color
Hex	1E2F07
RGB	30, 47, 7
RGB Percent	12%, 18%, 3%
CMY	0.8824, 0.8157, 0.9725
CMYK	0.36, 0.00, 0.85, 0.82
HSL	86°, 74%, 11%
HSV	86°, 85%, 18%
XYZ	1.5903, 2.3244, 0.5658
YIQ	37.3570, 2.7080, -16.0440

Conversions

Conversions Part 2

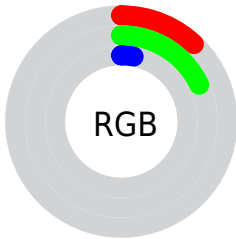
Format	Color
R_{YB}	7, 47, 24
Decimal	1978119
CIE _{Lab}	17.11, -14.81, 21.40
CIE _{LCh}	17, 26.023, 124.689
Yxy	2.3244, 0.3549, 0.5188
Android (android.graphics.Color)	4280168199 (0xFF1E2F07)
YUV	37.3570, -14.9660, -6.4521
Hunter-Lab	15.2459, -8.0613, 8.4716

Details

The Hex color **1E2F07** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **18072F**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **4B5D34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C2F02**, and if you desaturate by 10%, it is **202F0C**.

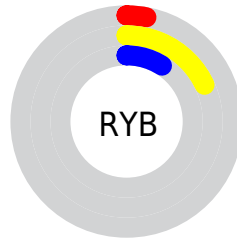
Distribution



Red (12%)

Green (18%)

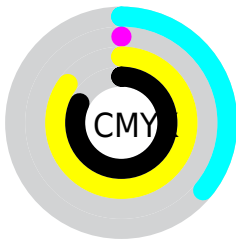
Blue (3%)



Red (3%)

Yellow (18%)

Blue (9%)

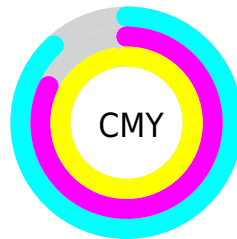


Cyan (36%)

Magenta (0%)

Yellow (85%)

Black (82%)



Cyan (88%)


Magenta (82%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E2F07 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 1E2F07 by changing the saturation by 10% instead.

 1E2F07

 1E2F07

 FFFFE9

 011B00

 4B5D34

 000000

 64764B


 7D8F63

 97AA7C

 B2C596

 CEE1B1

 EAFECD

 1E2F07

 1E2F07

■ 1C2F02

■ 202F0C

■ 1B2F00

■ 222F10

■ 242F15

■ 262F1A

■ 282F1F

■ 2A2F23

■ 2C2F28

■ 2E2F2D

■ 302F31

Harmonies

Analogous

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



322A00



1E2F07



003219

Triad

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



1E2F07



00304C



4B1828

Complementary

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



1E2F07



18072F

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.



431C3A



1E2F07



012B4F

Square

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



1E2F07



00333F



2E2449



4A1C16

Rectangle

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



1E2F07



003326



2E2449



4A192E

Sweetspot

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



1E2F07



363D2D



2F1807



1B1F15



9E9E9E



1F1F1F

Same Dimension

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



1E2F07



233D00



0A2F07



161715



325700



7BD600

Inverse Universe

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



18072F



1A003D



2C072F



161517



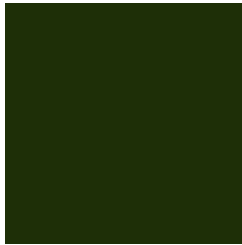
250057



5B00D6

Previews

White Background



This preview shows how the Hex color 1E2F07 looks on a white background.

Color Contrast Check

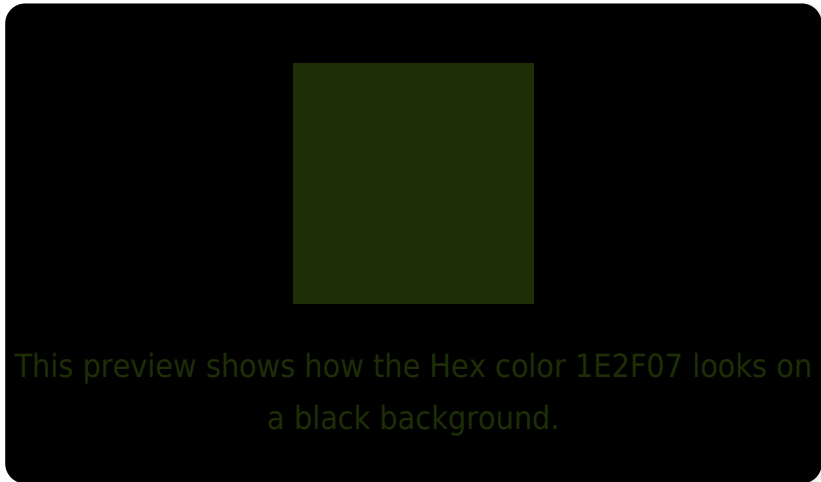
Large Text (above 18pt) WCAG AA ✓ Pass

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

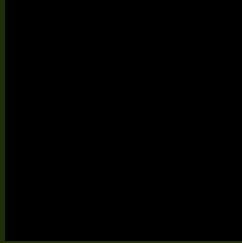
Any Text WCAG AA × Fail

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 1E2F07 Background



This preview shows how black text looks on a background with the Hex color 1E2F07.



This preview shows how white text looks on a background with the Hex color 1E2F07.

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
1E2F07

Protanopia
302A06

Deuteranopia
35280B

Trichromacy



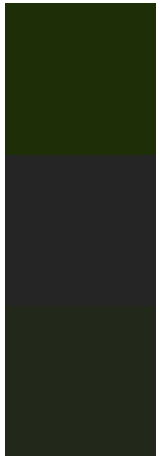
Original Color
1E2F07

Protanomaly
292C06

Deuteranomaly
2D2B0A

Tritanomaly
212D20

Monochromacy



Original Color
1E2F07

Achromatopsia
252525

Achromatomaly
22291A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E2F07 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 #1E2F07 looks like.

```
.text, #text, p{  
    color:#1E2F07  
}
```

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 #1E2F07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E2F07
}
```

Border

The CSS property to change the border of an element to Hex 1E2F07 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".

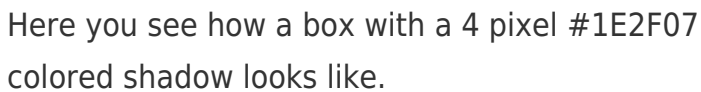
```
.border, #border, table{ border:4px solid
#1E2F07 }
```

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

```
.border{ border-color:#1E2F07 }
```

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

Here you see how a box with a 4 pixel #1E2F07 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E2F07; -webkit-box-shadow:4px 4px  
4px 4px #1E2F07; box-shadow:4px 4px 4px  
4px #1E2F07 }
```

Background

The CSS property to change the background color of an element to Hex 1E2F07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E2F07 }
```

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

```
.background{ background-color:#1E2F07 }
```

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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