

Converting Colors

Hex(2E0F20)

Have a look what the booklet for
Hex(2E0F20) contains.

Hex(2E0F20)	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(2E0F20)

Conversions

Conversions Part 1

Format	Color
Hex	2E0F20
RGB	46, 15, 32
RGB Percent	18%, 6%, 13%
CMY	0.8196, 0.9412, 0.8745
CMYK	0.00, 0.67, 0.30, 0.82
HSL	327°, 51%, 12%
HSV	327°, 67%, 18%
XYZ	1.5582, 1.0268, 1.4826
YIQ	26.2070, 13.0190, 11.8590

Conversions

Conversions Part 2

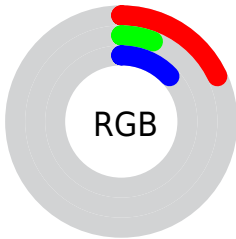
Format	Color
R_YB	46, 15, 32
Decimal	3018528
CIE Lab	9.21, 18.34, -4.29
CIE LCh	9, 18.839, 346.843
Yxy	1.0268, 0.3831, 0.2524
Android (android.graphics.Color)	4281208608 (0xFF2E0F20)
YUV	26.2070, 2.8559, 17.3585
Hunter-Lab	10.1330, 9.7170, -1.5816

Details

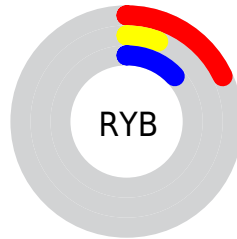
The Hex color **2E0F20** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F2E1D**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **5D3A4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E0A1E**, and if you desaturate by 10%, it is **2E1422**.

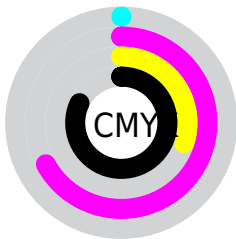
Distribution



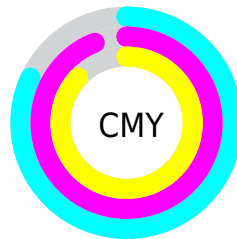
- Red (18%)
- Green (6%)
- Blue (13%)



- Red (18%)
- Yellow (6%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (30%)
- Black (82%)



- Cyan (82%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E0F20 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 2E0F20 by changing the saturation by 10% instead.

 2E0F20

 2E0F20

 FFF1FF

 1B0008

 5D3A4C

 000000

 765264

 906A7D

 AB8397

 C79EB1

 E3B9CD

 FFD4E9

 2E0F20

 2E0F20

■ 2E0A1E

■ 2E1422

■ 2E061C

■ 2E1824

■ 2E011A

■ 2E1D26

■ 2E0019

■ 2E2128

■ 2E262A

■ 2E2B2C

■ 2E2F2F

■ 2E3431

■ 2E3833

Harmonies

Analogous

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



24142B



2E0F20



310E13

Triad

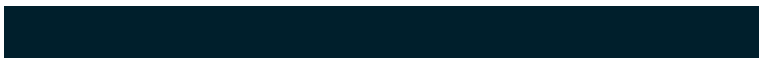
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E0F20



1C1B00



001F2C

Complementary

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



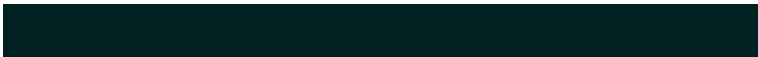
2E0F20



0F2E1D

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.



002021



2E0F20



0C1E02

Square

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



2E0F20



261700



002014



001D32

Rectangle

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



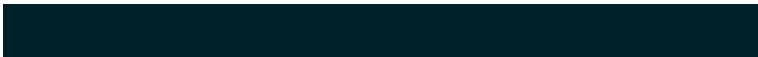
2E0F20



301107



002014



002029

Sweetspot

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



2E0F20



3B2F35



1D0F2E



1F171B



9E9E9E



1F1F1F

Same Dimension

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



2E0F20



3B0B25



2E0F11



171516



570030



D60075

Inverse Universe

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



2E0F20



3B0B25



0F2E2C



171516



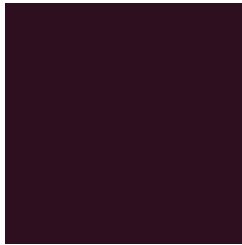
570030



D60075

Previews

White Background



This preview shows how the Hex color 2E0F20 looks on a white background.

Color Contrast Check

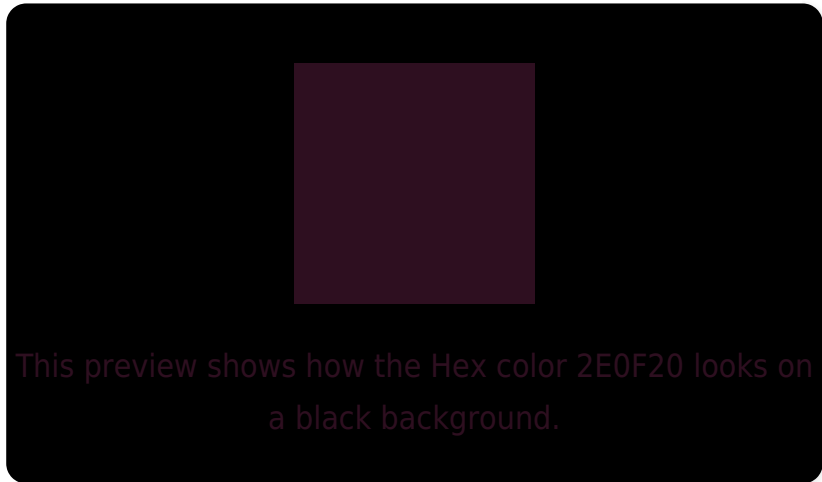
Large Text (above 18pt) WCAG AA ✓ Pass

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

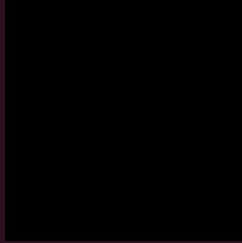
Any Text WCAG AA × Fail

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 2E0F20 Background



This preview shows how black text looks on a background with the Hex color 2E0F20.



This preview shows how white text looks on a background with the Hex color 2E0F20.

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

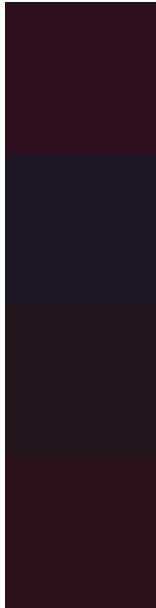


Original Color
2E0F20

Protanopia
171B28

Deuteranopia
1C1A1E

Trichromacy



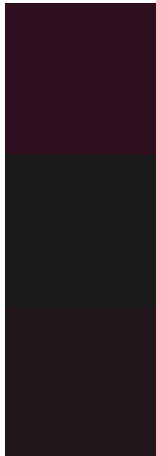
Original Color
2E0F20

Protanomaly
1F1725

Deuteranomaly
23161F

Tritanomaly
2D1118

Monochromacy



Original Color
2E0F20

Achromatopsia
1A1A1A

Achromatomaly
21161C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E0F20 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 #2E0F20 looks like.

```
.text, #text, p{  
    color:#2E0F20  
}
```

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 #2E0F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0F20
}
```

Border

The CSS property to change the border of an element to Hex 2E0F20 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".

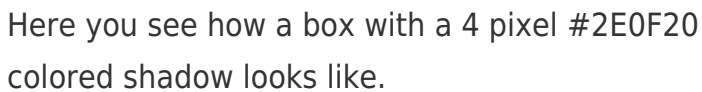
```
.border, #border, table{ border:4px solid
#2E0F20 }
```

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

```
.border{ border-color:#2E0F20 }
```

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

Here you see how a box with a 4 pixel #2E0F20 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0F20; -webkit-box-shadow:4px 4px  
4px 4px #2E0F20; box-shadow:4px 4px 4px  
4px #2E0F20 }
```

Background

The CSS property to change the background color of an element to Hex 2E0F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0F20 }
```

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

```
.background{ background-color:#2E0F20 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor