

# Converting Colors

Hex(2E1712)

Have a look what the booklet for  
Hex(2E1712) contains.

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# Color

Hex(2E1712)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E1712
RGB	46, 23, 18
RGB Percent	18%, 9%, 7%
CMY	0.8196, 0.9098, 0.9294
CMYK	0.00, 0.50, 0.61, 0.82
HSL	11°, 44%, 13%
HSV	11°, 61%, 18%
XYZ	1.5423, 1.2373, 0.7298
YIQ	29.3070, 15.3130, 3.3210

# Conversions

## Conversions Part 2

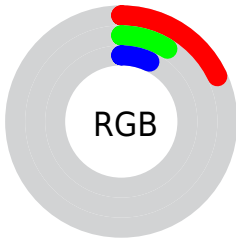
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	46, 24, 18
Decimal	3020562
CIE <sub>Lab</sub>	10.83, 10.94, 8.23
CIE <sub>LCh</sub>	11, 13.691, 36.969
Yxy	1.2373, 0.4395, 0.3526
Android (android.graphics.Color)	4281210642 (0xFF2E1712)
YUV	29.3070, -5.5744, 14.6398
Hunter-Lab	11.1234, 5.2835, 3.8964

# Details

The Hex color **2E1712** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **12292E**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **5D423C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E130D**, and if you desaturate by 10%, it is **2E1B17**.

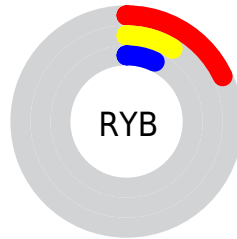
# Distribution



Red (18%)

Green (9%)

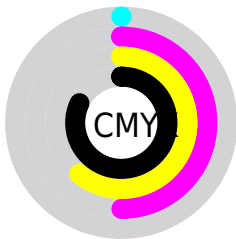
Blue (7%)



Red (18%)

Yellow (9%)

Blue (7%)

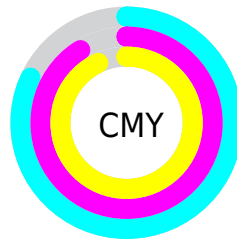


Cyan (0%)

Magenta (50%)

Yellow (61%)

Black (82%)



Cyan (82%)

Magenta (91%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E1712 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 2E1712 by changing the saturation by 10% instead.



 2E1712

 2E1712

 FFFAF2

 1A0000

 5D423C

 000000

 775A53

 91726C

 AB8C85

 C7A69F

 E3C1BA

 FFDD5

 2E1712

 2E1712

■ 2E130D

■ 2E1B17

■ 2E0F09

■ 2E1F1B

■ 2E0C04

■ 2E2220

■ 2E0800

■ 2E2624

■ 2E2A29

■ 2E2E2E

■ 2E3132

■ 2E3537

■ 2E393B

# Harmonies

## Analogous

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



2F161B



2E1712



291A09

# Triad

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



2E1712



0B2116



121D30

# Complementary

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



2E1712



12292E

# 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.



01202E



2E1712



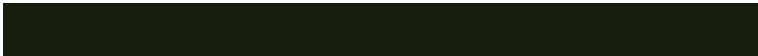
00221F

# Square

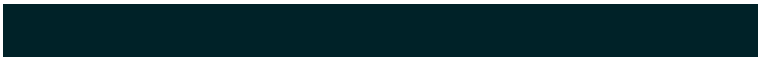
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2E1712



17200C



002228



211A2C

# Rectangle

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



2E1712



241C06



002228



0C1E30



# Sweetspot

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



2E1712



3B3230



2E1229



1F1918



9E9E9E



1F1F1F



# Same Dimension

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



2E1712



3B1710



2E2512



171515



570F00



D62600



# Inverse Universe

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



12292E



10333B



121B2E



151717



004757

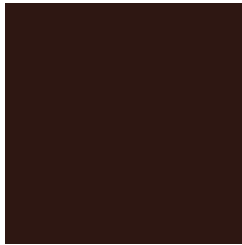


00B0D6



# Previews

## White Background



This preview shows how the Hex color 2E1712 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

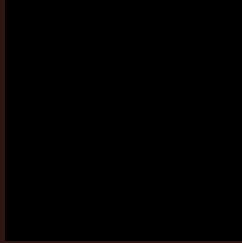
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E1712 Background



This preview shows how black text looks on a background with the Hex color 2E1712.

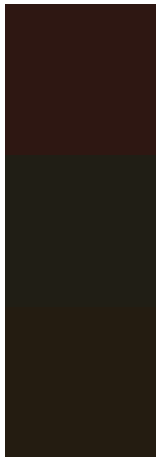


This preview shows how white text looks on a background with the Hex color 2E1712.

# 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](#).

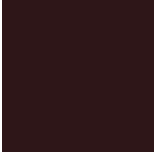
## Dichromacy



**Original Color**  
2E1712

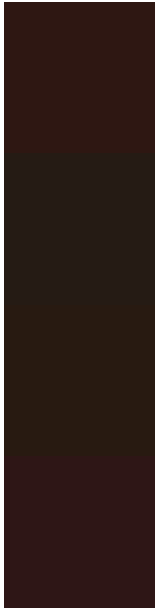
**Protanopia**  
201E15

**Deuteranopia**  
241C11



**Tritanopia**  
2E1618

# Trichromacy



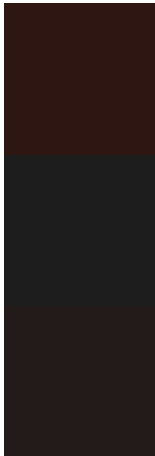
**Original Color**  
2E1712

**Protanomaly**  
251B14

**Deuteranomaly**  
281A11

**Tritanomaly**  
2E1616

# Monochromacy



**Original Color**  
2E1712

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
231B19

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E1712 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 #2E1712 looks like.

```
.text, #text, p{  
    color:#2E1712  
}
```

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 #2E1712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1712
}
```

## Border

The CSS property to change the border of an element to Hex 2E1712 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
#2E1712 }
```

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

```
.border{ border-color:#2E1712 }
```

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

Here you see how a box with a 4 pixel #2E1712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1712; -webkit-box-shadow:4px 4px  
4px 4px #2E1712; box-shadow:4px 4px 4px  
4px #2E1712 }
```

# Background

The CSS property to change the background color of an element to Hex 2E1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1712 }
```

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

```
.background{ background-color:#2E1712 }
```

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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