

Converting Colors

Hex(2E0713)

Have a look what the booklet for
Hex(2E0713) contains.

Hex(2E0713)	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(2E0713)

Conversions

Conversions Part 1

Format	Color
Hex	2E0713
RGB	46, 7, 19
RGB Percent	18%, 3%, 7%
CMY	0.8196, 0.9725, 0.9255
CMYK	0.00, 0.85, 0.59, 0.82
HSL	342°, 74%, 10%
HSV	342°, 85%, 18%
XYZ	1.3202, 0.7798, 0.6970
YIQ	20.0290, 19.3920, 12.0000

Conversions

Conversions Part 2

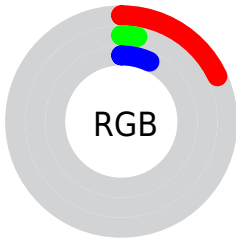
Format	Color
RYB	46, 7, 19
Decimal	3016467
CIELab	7.04, 20.86, 2.17
CIElCh	7, 20.977, 5.951
Yxy	0.7798, 0.4720, 0.2788
Android (android.graphics.Color)	4281206547 (0xFF2E0713)
YUV	20.0290, -0.5073, 22.7766
Hunter-Lab	8.8307, 11.2328, 1.5016

Details

The Hex color **2E0713** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **072E22**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5E333D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E0210**, and if you desaturate by 10%, it is **2E0C16**.

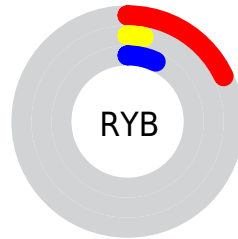
Distribution



 Red (18%)

 Green (3%)

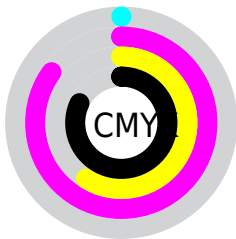
 Blue (7%)




 Red (18%)

 Yellow (3%)

 Blue (7%)

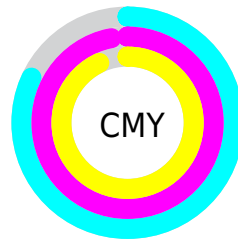


 Cyan (0%)


 Magenta (85%)

 Yellow (59%)

 Black (82%)



 Cyan (82%)

 Magenta (97%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E0713 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 2E0713 by changing the saturation by 10% instead.

 2E0713

 2E0713

 FFE8F3

 130000

 5E333D

 000000

 784A54

 92626D

 AD7C86

 C996A0

 E6B1BB

 FFCCD7

 2E0713

 2E0713

■ 2E0210

■ 2E0C16

■ 2E000E

■ 2E1019

■ 2E151D

■ 2E1920

■ 2E1E23

■ 2E2326

■ 2E2729

■ 2E2C2C

■ 2E3030

Harmonies

Analogous

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



280A21



2E0713



2E0A00

Triad

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



2E0713



081A00



001A2F

Complementary

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



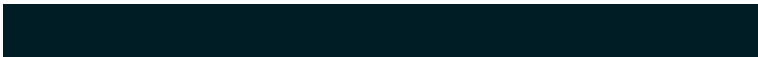
2E0713



072E22

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.



001D25



2E0713



001D04

Square

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



2E0713



1A1600



001E18



001631

Rectangle

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



2E0713



290E00



001E18



001B2C

Sweetspot

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



2E0713



3B2C30



22072E



1F1518



9E9E9E



1F1F1F

Same Dimension

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



2E0713



3B0012



2E0E07



171515



57001B



D60042

Inverse Universe

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



2E0713



3B0012



07272E



171515



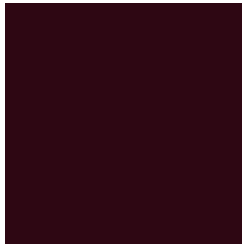
57001B



D60042

Previews

White Background



This preview shows how the Hex color 2E0713 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

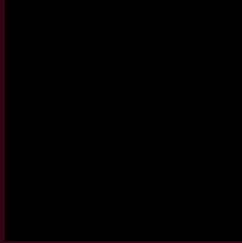
Any Text WCAG AA × Fail

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 2E0713 Background



This preview shows how black text looks on a background with the Hex color 2E0713.

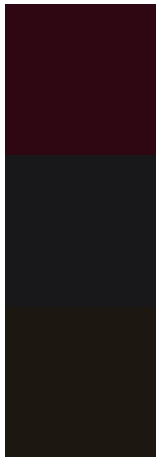


This preview shows how white text looks on a background with the Hex color 2E0713.

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
2E0713

Protanopia
18181B

Deuteranopia
1D1711

Trichromacy



Original Color

2E0713

Protanomaly

201218

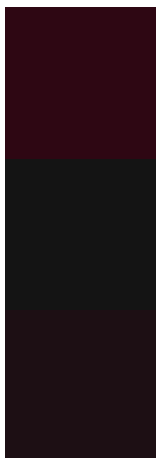
Deuteranomaly

231112

Tritanomaly

2E090D

Monochromacy



Original Color

2E0713

Achromatopsia

141414

Achromatomaly

1D0F14

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E0713 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 #2E0713 looks like.

```
.text, #text, p{  
  color:#2E0713  
}
```

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 #2E0713 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0713  
}
```

Border

The CSS property to change the border of an element to Hex 2E0713 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  
#2E0713 }
```

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

```
.border{ border-color:#2E0713 }
```

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

Here you see how a box with a 4 pixel #2E0713 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0713; -webkit-box-shadow:4px 4px  
4px 4px #2E0713; box-shadow:4px 4px 4px  
4px #2E0713 }
```

Background

The CSS property to change the background color of an element to Hex 2E0713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0713 }
```

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

```
.background{ background-color:#2E0713 }
```

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