

Converting Colors

Hex(2E1201)

Have a look what the booklet for
Hex(2E1201) contains.

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Color

Hex(2E1201)

Conversions

Conversions Part 1

Format	Color
Hex	2E1201
RGB	46, 18, 1
RGB Percent	18%, 7%, 0%
CMY	0.8196, 0.9294, 0.9961
CMYK	0.00, 0.61, 0.98, 0.82
HSL	23°, 96%, 9%
HSV	23°, 98%, 18%
XYZ	1.3485, 1.0156, 0.1537
YIQ	24.4340, 22.1450, 0.6490

Conversions

Conversions Part 2

Format	Color
RYB	46, 28, 1
Decimal	3019265
CIELab	9.12, 12.76, 13.53
CIElCh	9, 18.598, 46.667
Yxy	1.0156, 0.5356, 0.4034
Android (android.graphics.Color)	4281209345 (0xFF2E1201)
YUV	24.4340, -11.5530, 18.9134
Hunter-Lab	10.0779, 6.2482, 6.1504

Details

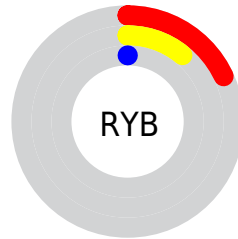
The Hex color **2E1201** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **011D2E**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **5E3D30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E1100**, and if you desaturate by 10%, it is **2E1506**.

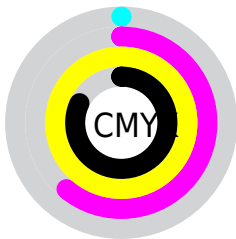
Distribution



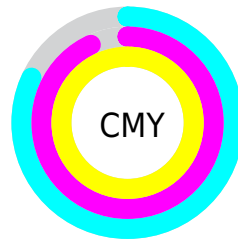
- Red (18%)
- Green (7%)
- Blue (0%)



- Red (18%)
- Yellow (11%)
- Blue (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (98%)
- Black (82%)



- Cyan (82%)
- Magenta (93%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E1201 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 2E1201 by changing the saturation by 10% instead.

 2E1201

 2E1201

 FFF3E3

 140000

 5E3D30

 000000

 775447

 926C5E

 AD8677

 C8A091

 E5BBAB

 FFD7C7

 2E1201

 2E1201

■ 2E1100

■ 2E1506

■ 2E180A

■ 2E1B0F

■ 2E1D13

■ 2E2018

■ 2E231D

■ 2E2621

■ 2E2926

■ 2E2C2A

Harmonies

Analogous

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



310E13



2E1201



261700

Triad

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



2E1201



002013



101932

Complementary

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



2E1201



011D2E

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.



001D32



2E1201



002020

Square

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



2E1201



0C1E02



001F2C



23132B

Rectangle

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



2E1201



1F1A00



001F2C



051A32

Sweetspot

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



2E1201



3B302A



2E011D



1F1814



9E9E9E



1F1F1F

Same Dimension

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



2E1201



3B1600



2E2801



171615



572100



D65100

Inverse Universe

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



011D2E



00243B



01072E



151617



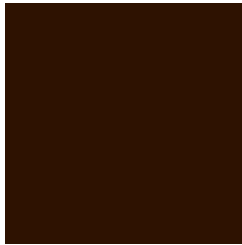
003657



0085D6

Previews

White Background



This preview shows how the Hex color 2E1201 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

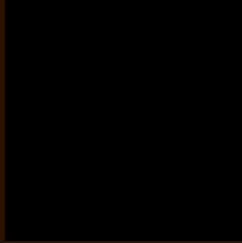
Any Text WCAG AA × Fail

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 2E1201 Background



This preview shows how black text looks on a background with the Hex color 2E1201.

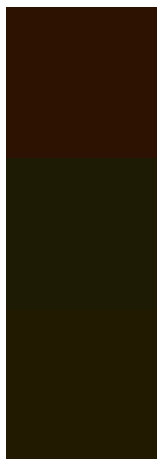


This preview shows how white text looks on a background with the Hex color 2E1201.

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
2E1201

Protanopia
1E1B05

Deuteranopia
221A00



Tritanopia
2E1112

Trichromacy



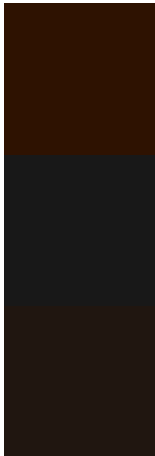
Original Color
2E1201

Protanomaly
241804

Deuteranomaly
261700

Tritanomaly
2E110C

Monochromacy



Original Color
2E1201

Achromatopsia
181818

Achromatomaly
201610

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E1201 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 #2E1201 looks like.

```
.text, #text, p{  
    color:#2E1201  
}
```

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 #2E1201 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1201
}
```

Border

The CSS property to change the border of an element to Hex 2E1201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

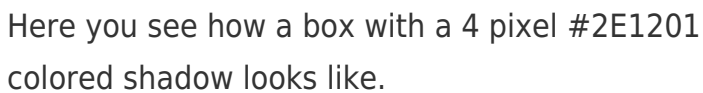
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E1201 }
```

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

```
.border{ border-color:#2E1201 }
```

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



Here you see how a box with a 4 pixel #2E1201 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1201; -webkit-box-shadow:4px 4px  
4px 4px #2E1201; box-shadow:4px 4px 4px  
4px #2E1201 }
```

Background

The CSS property to change the background color of an element to Hex 2E1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1201 }
```

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

```
.background{ background-color:#2E1201 }
```

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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