

Converting Colors

Hex(2E1220)

Have a look what the booklet for
Hex(2E1220) contains.

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Color

Hex(2E1220)

Conversions

Conversions Part 1

Format	Color
Hex	2E1220
RGB	46, 18, 32
RGB Percent	18%, 7%, 13%
CMY	0.8196, 0.9294, 0.8745
CMYK	0.00, 0.61, 0.30, 0.82
HSL	330°, 44%, 13%
HSV	330°, 61%, 18%
XYZ	1.6037, 1.1177, 1.4977
YIQ	27.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

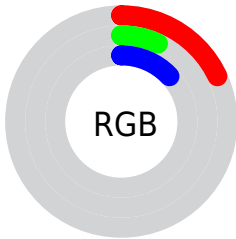
Format	Color
R_{YB}	46, 18, 32
Decimal	3019296
CIE Lab	9.94, 16.45, -3.20
CIE LCh	10, 16.759, 348.982
Yxy	1.1177, 0.3801, 0.2649
Android (android.graphics.Color)	4281209376 (0xFF2E1220)
YUV	27.9680, 1.9878, 15.8141
Hunter-Lab	10.5723, 8.5754, -0.9986

Details

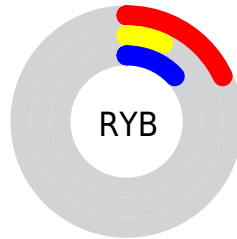
The Hex color **2E1220** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **122E20**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5D3D4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E0D1E**, and if you desaturate by 10%, it is **2E1722**.

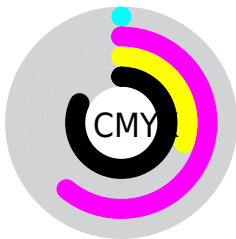
Distribution



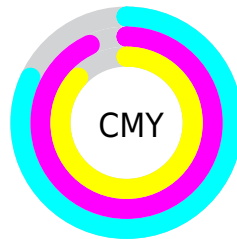
- Red (18%)
- Green (7%)
- Blue (13%)



- Red (18%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (61%)
- Yellow (30%)
- Black (82%)



- Cyan (82%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E1220 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 2E1220 by changing the saturation by 10% instead.

 2E1220

 2E1220

 FFF4FF

 1C0008

 5D3D4C

 000000

 765564

 906D7D

 AB8796

 C6A1B1

 E2BCCD

 FFD8E9

 2E1220

 2E1220

■ 2E0D1E

■ 2E1722

■ 2E091B

■ 2E1B25

■ 2E0419

■ 2E2027

■ 2E0017

■ 2E2429

■ 2E292C

■ 2E2E2E

■ 2E3230

■ 2E3732

■ 2E3B35

Harmonies

Analogous

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



25152A



2E1220



301214

Triad

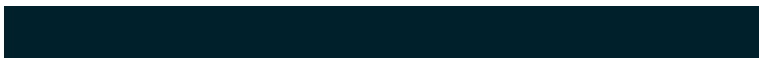
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E1220



1D1D00



00202C

Complementary

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



2E1220



122E20

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.



002122



2E1220



0E1F09

Square

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



2E1220



271900



002117



001E31

Rectangle

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



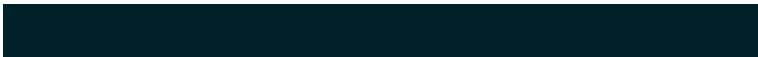
2E1220



2F140B



002117



002129

Sweetspot

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



2E1220



3B3035



20122E



1F181B



9E9E9E



1F1F1F

Same Dimension

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



2E1220



3B1025



2E1212



171516



57002B



D6006B

Inverse Universe

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



2E1220



3B1025



122E2E



171516



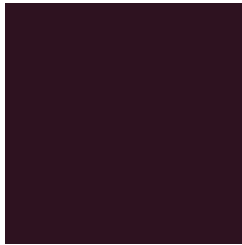
57002B



D6006B

Previews

White Background



This preview shows how the Hex color 2E1220 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

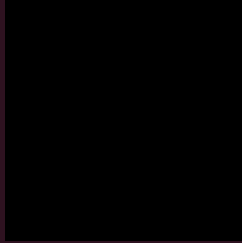
Any Text WCAG AA × Fail

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 2E1220 Background



This preview shows how black text looks on a background with the Hex color 2E1220.



This preview shows how white text looks on a background with the Hex color 2E1220.

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](#).

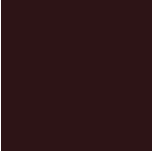
Dichromacy



Original Color
2E1220

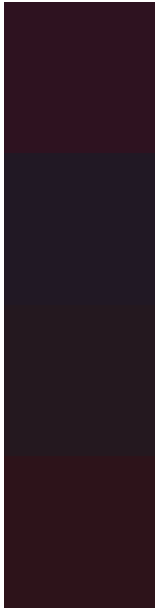
Protanopia
191C27

Deuteranopia
1E1C1F



Tritanopia
2D1416

Trichromacy



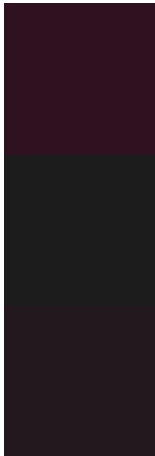
Original Color
2E1220

Protanomaly
211824

Deuteranomaly
24181F

Tritanomaly
2D131A

Monochromacy



Original Color
2E1220

Achromatopsia
1C1C1C

Achromatomaly
23181D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E1220 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 #2E1220 looks like.

```
.text, #text, p{  
    color:#2E1220  
}
```

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 #2E1220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1220
}
```

Border

The CSS property to change the border of an element to Hex 2E1220 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".

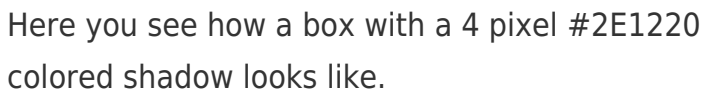
```
.border, #border, table{ border:4px solid
#2E1220 }
```

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

```
.border{ border-color:#2E1220 }
```

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

Here you see how a box with a 4 pixel #2E1220 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1220; -webkit-box-shadow:4px 4px  
4px 4px #2E1220; box-shadow:4px 4px 4px  
4px #2E1220 }
```

Background

The CSS property to change the background color of an element to Hex 2E1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1220 }
```

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

```
.background{ background-color:#2E1220 }
```

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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