

Converting Colors

Hex(2E1848)

Have a look what the booklet for
Hex(2E1848) contains.

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Color

Hex(2E1848)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2E1848 |
| RGB | 46, 24, 72 |
| RGB Percent | 18%, 9%, 28% |
| CMY | 0.8196, 0.9059, 0.7176 |
| CMYK | 0.36, 0.67, 0.00, 0.72 |
| HSL | 268°, 50%, 19% |
| HSV | 268°, 67%, 28% |
| XYZ | 2.6230, 1.7020, 6.3212 |
| YIQ | 36.0500, -2.2960, 19.5920 |

Conversions

Conversions Part 2

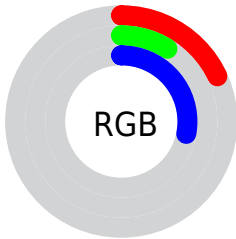
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 46, 24, 72 |
| Decimal | 3020872 |
| CIELab | 13.84, 22.48, -26.00 |
| CIELCh | 14, 34.370, 310.856 |
| Yxy | 1.7020, 0.2464, 0.1599 |
| Android (android.graphics.Color) | 4281210952 (0xFF2E1848) |
| YUV | 36.0500, 17.7233, 8.7262 |
| Hunter-Lab | 13.0460, 13.0588, -19.5954 |

Details

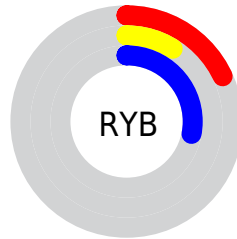
The Hex color **2E1848** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **324818**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5E4479**, and **00011C** is the 20% darker color. If you saturate the color by 10%, you get **2A1148**, and if you desaturate by 10%, it is **321F48**.

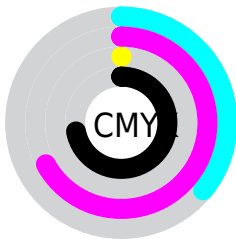
Distribution



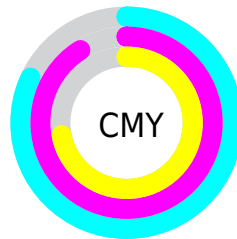
- Red (18%)
- Green (9%)
- Blue (28%)



- Red (18%)
- Yellow (9%)
- Blue (28%)



- Cyan (36%)
- Magenta (67%)
- Yellow (0%)
- Black (72%)



- Cyan (82%)
- Magenta (91%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E1848 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 2E1848 by changing the saturation by 10% instead.

 2E1848

 2E1848

 FFFDFF

 190031

 5E4479

 00011C

 775C93

 000000

 9275AE

 AD8FC9

 C8A9E5

 E5C5FF

 FFE1FF

 2E1848

 2E1848

■ 2A1148

■ 321F48

■ 260A48

■ 362648

■ 220248

■ 3A2E48

■ 210048

■ 3E3548

■ 423C48

■ 454348

■ 494A48

■ 4D5248

■ 515948

Harmonies

Analogous

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



002453



2E1848



450834

Triad

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



2E1848



391C00



002E2C

Complementary

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



2E1848



324818

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.



002D12



2E1848



252500

Square

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



2E1848



480F00



0B2A00



002D42

Rectangle

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



2E1848



4C0324



0B2A00



002D23

Sweetspot

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



2E1848



544B5E



183248



2A2530



B0B0B0



303030

Same Dimension

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



2E1848



35135E



461848



222024



2E0063



6800E3

Inverse Universe

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



481832



5E133C



1A4818



242022



630036



E3007B

Previews

White Background



This preview shows how the Hex color 2E1848 looks on a white background.

Color Contrast Check

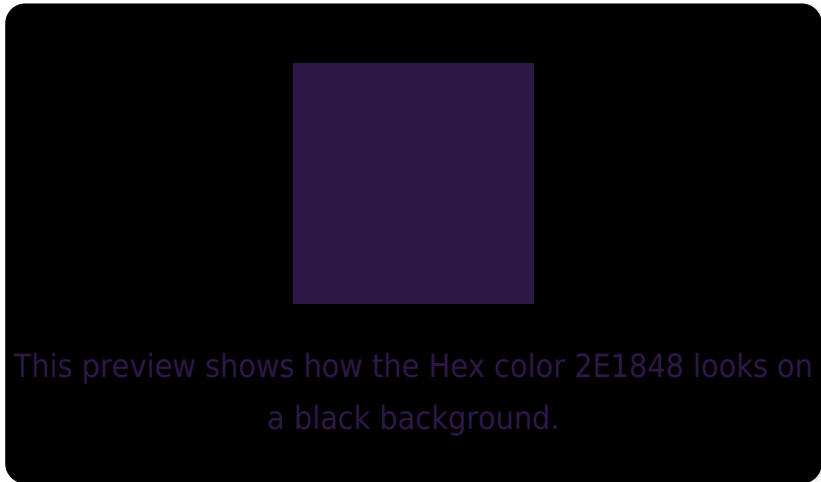
Large Text (above 18pt) WCAG AA ✓ Pass

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

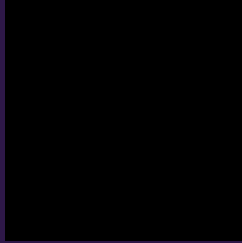
Any Text WCAG AA × Fail

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 2E1848 Background



This preview shows how black text looks on a background with the Hex color 2E1848.



This preview shows how white text looks on a background with the Hex color 2E1848.

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
2E1848

Protanopia
00234A

Deuteranopia
002540



Tritanopia
272326

Trichromacy



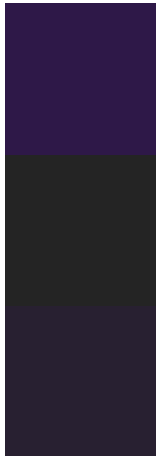
Original Color
2E1848

Protanomaly
111F49

Deuteranomaly
112043

Tritanomaly
2A1F32

Monochromacy



Original Color
2E1848

Achromatopsia
242424

Achromatomaly
282031

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E1848 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 #2E1848 looks like.

```
.text, #text, p{  
    color:#2E1848  
}
```

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 #2E1848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1848
}
```

Border

The CSS property to change the border of an element to Hex 2E1848 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
#2E1848 }
```

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

```
.border{ border-color:#2E1848 }
```

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

Here you see how a box with a 4 pixel #2E1848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1848; -webkit-box-shadow:4px 4px  
4px 4px #2E1848; box-shadow:4px 4px 4px  
4px #2E1848 }
```

Background

The CSS property to change the background color of an element to Hex 2E1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1848 }
```

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

```
.background{ background-color:#2E1848 }
```

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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