

Converting Colors

Hex(2E1729)

Have a look what the booklet for
Hex(2E1729) contains.

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Color

Hex(2E1729)

Conversions

Conversions Part 1

Format	Color
Hex	2E1729
RGB	46, 23, 41
RGB Percent	18%, 9%, 16%
CMY	0.8196, 0.9098, 0.8392
CMYK	0.00, 0.50, 0.11, 0.82
HSL	313°, 33%, 14%
HSV	313°, 50%, 18%
XYZ	1.8333, 1.3537, 2.2625
YIQ	31.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

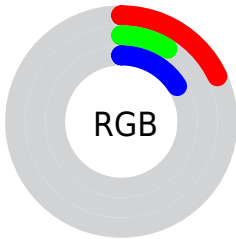
Format	Color
RYB	46, 23, 41
Decimal	3020585
CIELab	11.65, 14.93, -7.32
CIElCh	12, 16.626, 333.884
Yxy	1.3537, 0.3364, 0.2484
Android (android.graphics.Color)	4281210665 (0xFF2E1729)
YUV	31.9290, 4.4720, 12.3403
Hunter-Lab	11.6350, 7.7654, -3.3848

Details

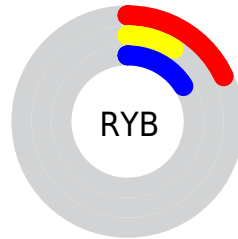
The Hex color **2E1729** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **172E1C**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5D4256**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E1228**, and if you desaturate by 10%, it is **2E1C2A**.

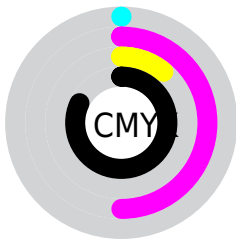
Distribution



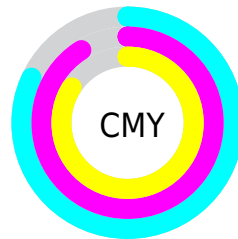
- Red (18%)
- Green (9%)
- Blue (16%)



- Red (18%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (82%)



- Cyan (82%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E1729 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 2E1729 by changing the saturation by 10% instead.

■ 2E1729

■ 2E1729

■ FFFBFF

■ 1B0015

■ 5D4256

■ 000000

■ 755A6F

■ 8F7388

■ AA8CA2

■ C5A7BD

■ E1C2D9

■ FEDEF5

■ 2E1729

■ 2E1729

■ 2E1228

■ 2E1C2A

■ 2E0E27

■ 2E202B

■ 2E0926

■ 2E252C

■ 2E0525

■ 2E292D

■ 2E0024

■ 2E2E2E

■ 2E332F

■ 2E3730

■ 2E3C31

■ 2E4032

Harmonies

Analogous

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



221B32



2E1729



34151E

Triad

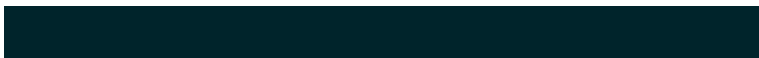
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E1729



251F02



00242B

Complementary

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



2E1729



172E1C

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.



002520



2E1729



192208

Square

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



2E1729



2E1A06



092414



002333

Rectangle

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



2E1729



341616



092414



002428

Sweetspot

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



2E1729



3B3239



1C172E



1F191D



9E9E9E



1F1F1F

Same Dimension

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



2E1729



3B1733



2E171E



171516



570044



D600A8

Inverse Universe

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



2E1729



3B1733



172E27



171516



570044



D600A8

Previews

White Background



This preview shows how the Hex color 2E1729 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

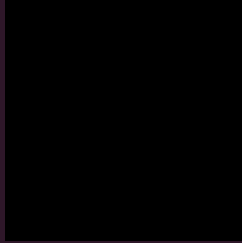
Any Text WCAG AA × Fail

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 2E1729 Background



This preview shows how black text looks on a background with the Hex color 2E1729.



This preview shows how white text looks on a background with the Hex color 2E1729.

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

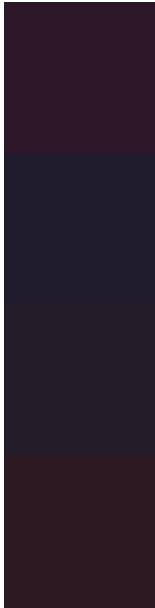


Original Color
2E1729

Protanopia
1A1F2F

Deuteranopia
1E1F28

Trichromacy



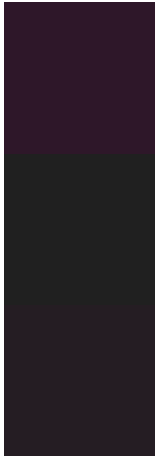
Original Color
2E1729

Protanomaly
211C2D

Deuteranomaly
241C28

Tritanomaly
2D1921

Monochromacy



Original Color
2E1729

Achromatopsia
202020

Achromatomaly
251D23

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E1729 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 #2E1729 looks like.

```
.text, #text, p{  
    color:#2E1729  
}
```

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 #2E1729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1729
}
```

Border

The CSS property to change the border of an element to Hex 2E1729 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
#2E1729 }
```

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

```
.border{ border-color:#2E1729 }
```

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

Here you see how a box with a 4 pixel #2E1729 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1729; -webkit-box-shadow:4px 4px  
4px 4px #2E1729; box-shadow:4px 4px 4px  
4px #2E1729 }
```

Background

The CSS property to change the background color of an element to Hex 2E1729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1729 }
```

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

```
.background{ background-color:#2E1729 }
```

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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