

Converting Colors

Hex(2E1985)

Have a look what the booklet for
Hex(2E1985) contains.

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Color

Hex(2E1985)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2E1985 |
| RGB | 46, 25, 133 |
| RGB Percent | 18%, 10%, 52% |
| CMY | 0.8196, 0.9020, 0.4784 |
| CMYK | 0.65, 0.81, 0.00, 0.48 |
| HSL | 252°, 68%, 31% |
| HSV | 252°, 81%, 52% |
| XYZ | 5.7080, 2.9696, 22.4626 |
| YIQ | 43.5910, -22.1520, 38.0400 |

Conversions

Conversions Part 2

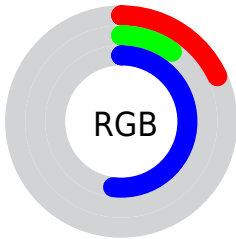
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 46, 25, 133 |
| Decimal | 3021189 |
| CIE _{Lab} | 19.92, 40.97, -56.24 |
| CIE _{LCh} | 20, 69.582, 306.070 |
| Yxy | 2.9696, 0.1833, 0.0954 |
| Android (android.graphics.Color) | 4281211269 (0xFF2E1985) |
| YUV | 43.5910, 44.0786, 2.1127 |
| Hunter-Lab | 17.2324, 28.9688, -65.2225 |

Details

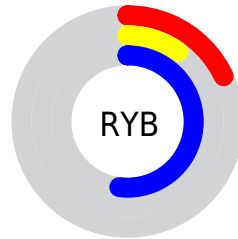
The Hex color **2E1985** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **708519**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6848BB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **230C85**, and if you desaturate by 10%, it is **392685**.

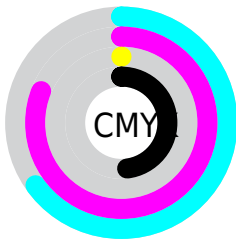
Distribution



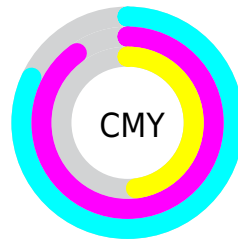
- Red (18%)
- Green (10%)
- Blue (52%)



- Red (18%)
- Yellow (10%)
- Blue (52%)



- Cyan (65%)
- Magenta (81%)
- Yellow (0%)
- Black (48%)



- Cyan (82%)
- Magenta (90%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E1985 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 2E1985 by changing the saturation by 10% instead.

■ 2E1985

■ 2E1985

FFFFFF

■ 03026B

■ 6848BB

■ 000052

■ 8461D7

■ 00053A

■ A17AF4

■ 000223

■ BD94FF

■ 00000B

■ DAAFFB

■ 000000

■ F8CBFF

■ FFE7FF

■ 2E1985

■ 2E1985

■ 230C85

■ 392685

■ 1A0085

■ 433485

■ 4E4185

■ 594E85

■ 645C85

■ 6E6985

■ 797685

■ 848385

■ 8E9185

Harmonies

Analogous

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



003699



2E1985



70005B

Triad

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



2E1985



5B1A00



00413A

Complementary

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



2E1985



708519

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.



004000



2E1985



333200

Square

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



2E1985



770000



003C00



00426C

Rectangle

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



2E1985



7F0039



003C00



004128

Sweetspot

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



2E1985



8C84AD



197185



423E57



D6D6D6



575757

Same Dimension

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



2E1985



2605AD



631985



3D3C42



190082



000003

Inverse Universe

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



851970



AD058D



3B8519



423C41



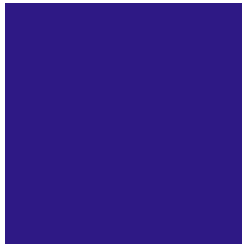
820069



030002

Previews

White Background



This preview shows how the Hex color 2E1985 looks on a white background.

Color Contrast Check

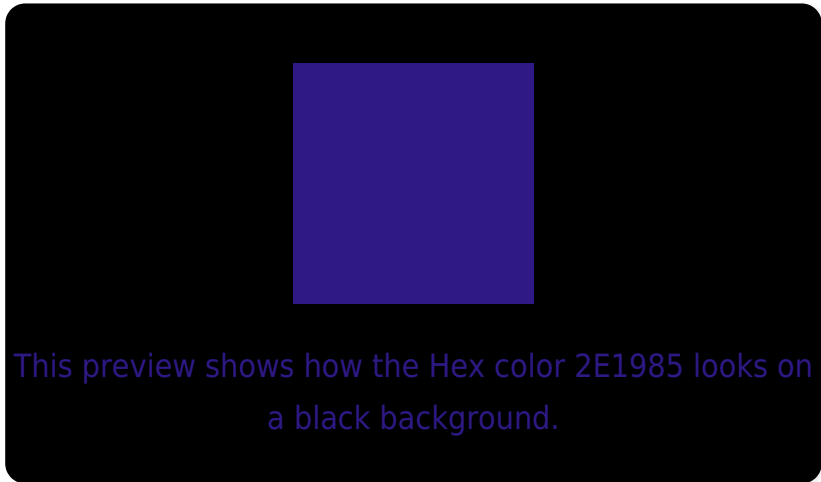
Large Text (above 18pt) WCAG AA ✓ Pass

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

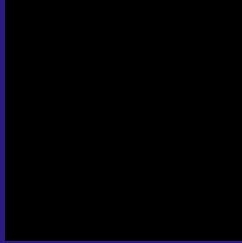
Any Text WCAG AA × Fail

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 2E1985 Background



This preview shows how black text looks on a background with the Hex color 2E1985.



This preview shows how white text looks on a background with the Hex color 2E1985.

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
2E1985

Protanopia
002F64

Deuteranopia
003355



Tritanopia
00363A

Trichromacy



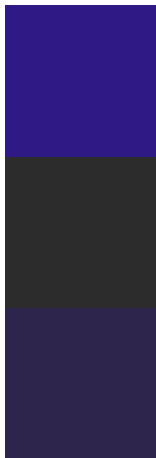
Original Color
2E1985

Protanomaly
112770

Deuteranomaly
112A66

Tritanomaly
112B55

Monochromacy



Original Color
2E1985

Achromatopsia
2C2C2C

Achromatomaly
2D254C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E1985 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 #2E1985 looks like.

```
.text, #text, p{  
    color:#2E1985  
}
```

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 #2E1985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1985
}
```

Border

The CSS property to change the border of an element to Hex 2E1985 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
#2E1985 }
```

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

```
.border{ border-color:#2E1985 }
```

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

Here you see how a box with a 4 pixel #2E1985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1985; -webkit-box-shadow:4px 4px  
4px 4px #2E1985; box-shadow:4px 4px 4px  
4px #2E1985 }
```

Background

The CSS property to change the background color of an element to Hex 2E1985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1985 }
```

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

```
.background{ background-color:#2E1985 }
```

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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