

# Converting Colors

Hex(2E1155)

Have a look what the booklet for  
Hex(2E1155) contains.

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# Color

**Hex(2E1155)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E1155
RGB	46, 17, 85
RGB Percent	18%, 7%, 33%
CMY	0.8196, 0.9333, 0.6667
CMYK	0.46, 0.80, 0.00, 0.67
HSL	266°, 67%, 20%
HSV	266°, 80%, 33%
XYZ	2.9669, 1.6376, 8.7541
YIQ	33.4230, -4.5440, 27.2960

# Conversions

## Conversions Part 2

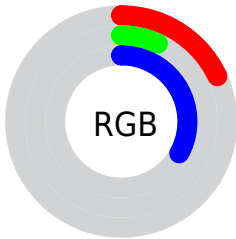
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 17, 85
Decimal	3019093
CIELab	13.46, 30.46, -35.53
CIELCh	13, 46.800, 310.604
Yxy	1.6376, 0.2221, 0.1226
Android (android.graphics.Color)	4281209173 (0xFF2E1155)
YUV	33.4230, 25.4275, 11.0300
Hunter-Lab	12.7969, 18.9890, -31.6009

# Details

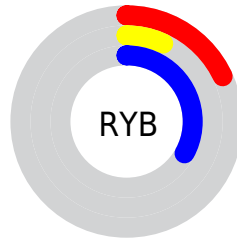
The Hex color **2E1155** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **385511**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **603E87**, and **000127** is the 20% darker color. If you saturate the color by 10%, you get **290855**, and if you desaturate by 10%, it is **331955**.

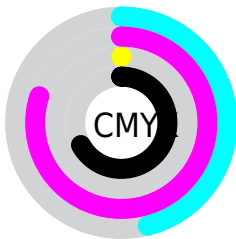
# Distribution



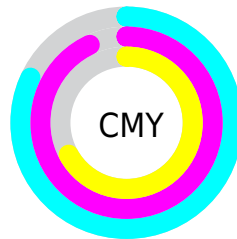
- Red (18%)
- Green (7%)
- Blue (33%)



- Red (18%)
- Yellow (7%)
- Blue (33%)



- Cyan (46%)
- Magenta (80%)
- Yellow (0%)
- Black (67%)



- Cyan (82%)
- Magenta (93%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E1155 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 2E1155 by changing the saturation by 10% instead.



 2E1155

 2E1155

 FFF7FF

 17003D

 603E87

 000127

 7A56A2

 000110

 956FBD

 000000

 B089D9

 CCA3F6

 E9BFFF

 FFDBFF

 2E1155

 2E1155

■ 290855

■ 331955

■ 240055

■ 382255

■ 3D2A55

■ 423355

■ 463B55

■ 4B4455

■ 504C55

■ 555555

■ 5A5E55

# Harmonies

## Analogous

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



002464



2E1155



4F0039

# Triad

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



2E1155



3D1800



00302E

# Complementary

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



2E1155



385511

# 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.



002E08



2E1155



222500

# Square

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



2E1155



500000



002B00



002F4D

# Rectangle

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



2E1155



570023



002B00



002F22



# Sweetspot

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



2E1155



5F536E



113955



2F2838



B8B8B8



383838



# Same Dimension

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



2E1155



31046E



4F1155



29272B



2E006B



6400EB



# Inverse Universe

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



551138



6E0441



175511



2B272A



6B003D

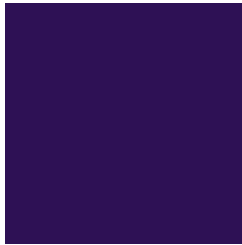


EB0087



# Previews

## White Background



This preview shows how the Hex color 2E1155 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

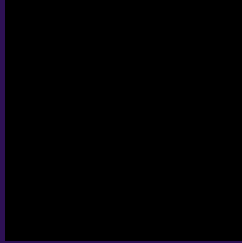
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E1155 Background



This preview shows how black text looks on a background with the Hex color 2E1155.



This preview shows how white text looks on a background with the Hex color 2E1155.

# 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**  
2E1155

**Protanopia**  
002349

**Deuteranopia**  
00253F



**Tritanopia**  
222427

# Trichromacy



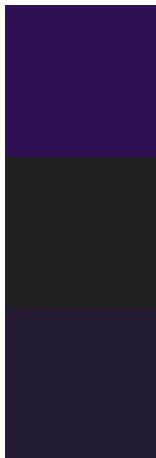
**Original Color**  
2E1155

**Protanomaly**  
111C4D

**Deuteranomaly**  
111E47

**Tritanomaly**  
261D38

# Monochromacy



**Original Color**  
2E1155

**Achromatopsia**  
212121

**Achromatomaly**  
261B34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E1155 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 #2E1155 looks like.

```
.text, #text, p{  
    color:#2E1155  
}
```

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 #2E1155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1155  
}
```

## Border

The CSS property to change the border of an element to Hex 2E1155 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  
#2E1155 }
```

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

```
.border{ border-color:#2E1155 }
```

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

Here you see how a box with a 4 pixel #2E1155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1155; -webkit-box-shadow:4px 4px  
4px 4px #2E1155; box-shadow:4px 4px 4px  
4px #2E1155 }
```

# Background

The CSS property to change the background color of an element to Hex 2E1155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1155 }
```

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

```
.background{ background-color:#2E1155 }
```

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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