

Converting Colors

Hex(2E1535)

Have a look what the booklet for
Hex(2E1535) contains.

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Color

Hex(2E1535)

Conversions

Conversions Part 1

Format	Color
Hex	2E1535
RGB	46, 21, 53
RGB Percent	18%, 8%, 21%
CMY	0.8196, 0.9176, 0.7922
CMYK	0.13, 0.60, 0.00, 0.79
HSL	287°, 43%, 15%
HSV	287°, 60%, 21%
XYZ	2.0375, 1.3742, 3.5260
YIQ	32.1230, 4.6280, 15.2520

Conversions

Conversions Part 2

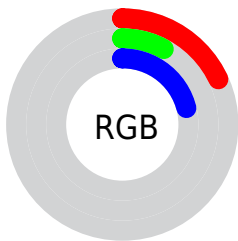
Format	Color
R_{YB}	46, 21, 53
Decimal	3020085
CIE _{Lab}	11.78, 19.13, -15.84
CIE _{LCh}	12, 24.841, 320.372
Yxy	1.3742, 0.2937, 0.1981
Android (android.graphics.Color)	4281210165 (0xFF2E1535)
YUV	32.1230, 10.2924, 12.1701
Hunter-Lab	11.7227, 10.5098, -9.6277

Details

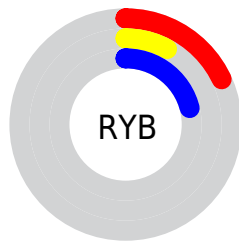
The Hex color **2E1535** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1C3515**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5D4164**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **2D1035**, and if you desaturate by 10%, it is **2F1A35**.

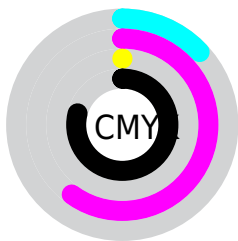
Distribution



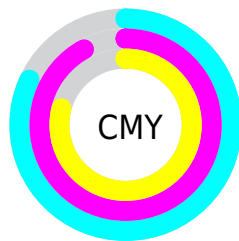
- Red (18%)
- Green (8%)
- Blue (21%)



- Red (18%)
- Yellow (8%)
- Blue (21%)



- Cyan (13%)
- Magenta (60%)
- Yellow (0%)
- Black (79%)



- Cyan (82%)
- Magenta (92%)
- Yellow (79%)
- Black (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E1535 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 2E1535 by changing the saturation by 10% instead.

 2E1535

 2E1535

 FFF9FF

 1C0020

 5D4164

 000004

 76587D

 000000

 907197

 AB8BB2

 C6A5CD

 E2C0E9

 FFDCFF

 2E1535

 2E1535

■ 2D1035

■ 2F1A35

■ 2C0A35

■ 302035

■ 2B0535

■ 312535

■ 290035

■ 332A35

■ 343035

■ 353535

■ 363A35

■ 373F35

■ 384535

Harmonies

Analogous

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



131D3F



2E1535



3B0E25

Triad

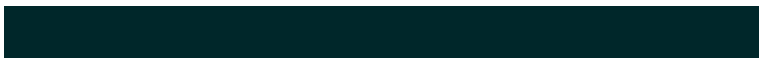
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E1535



2D1C00



00272A

Complementary

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



2E1535



1C3515

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.



002719



2E1535



1E2200

Square

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



2E1535



381500



082503



002639

Rectangle

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



2E1535



3D0D1A



082503



002725

Sweetspot

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



2E1535



423845



151C35



221C24



A3A3A3



242424

Same Dimension

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



2E1535



3A1345



35152C



19171A



460059



A900D9

Inverse Universe

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



35151C



45131E



15351E



1A1718



590014



D9002F

Previews

White Background



This preview shows how the Hex color 2E1535 looks on a white background.

Color Contrast Check

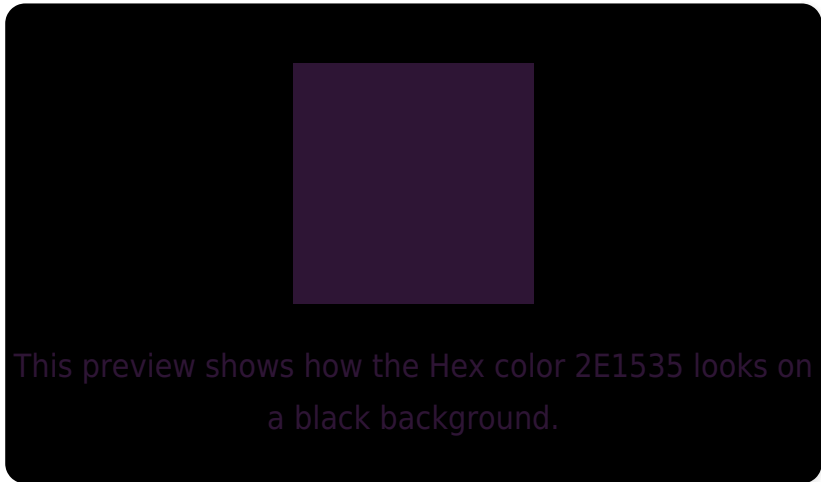
Large Text (above 18pt) WCAG AA ✓ Pass

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

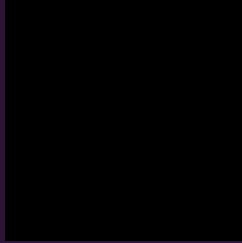
Any Text WCAG AA × Fail

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 2E1535 Background



This preview shows how black text looks on a background with the Hex color 2E1535.



This preview shows how white text looks on a background with the Hex color 2E1535.

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
2E1535

Protanopia
0C1F3F

Deuteranopia
152033

Trichromacy



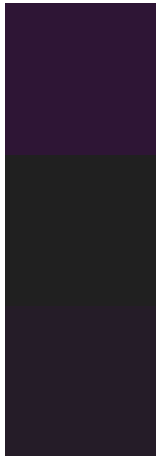
Original Color
2E1535

Protanomaly
181B3B

Deuteranomaly
1E1C34

Tritanomaly
2C1926

Monochromacy



Original Color
2E1535

Achromatopsia
202020

Achromatomaly
251C28

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E1535 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 #2E1535 looks like.

```
.text, #text, p{  
    color:#2E1535  
}
```

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 #2E1535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1535
}
```

Border

The CSS property to change the border of an element to Hex 2E1535 is called "border". The border property can be set on classes, ids or directly on the HTML element.

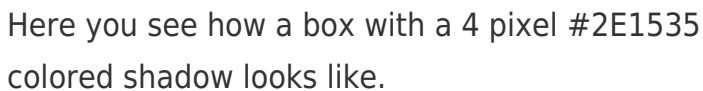
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E1535 }
```

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

```
.border{ border-color:#2E1535 }
```

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



Here you see how a box with a 4 pixel #2E1535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1535; -webkit-box-shadow:4px 4px  
4px 4px #2E1535; box-shadow:4px 4px 4px  
4px #2E1535 }
```

Background

The CSS property to change the background color of an element to Hex 2E1535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1535 }
```

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

```
.background{ background-color:#2E1535 }
```

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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