

Converting Colors

Hex(2E1E5B)

Have a look what the booklet for
Hex(2E1E5B) contains.

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Color

Hex(2E1E5B)

Conversions

Conversions Part 1

Format	Color
Hex	2E1E5B
RGB	46, 30, 91
RGB Percent	18%, 12%, 36%
CMY	0.8196, 0.8824, 0.6431
CMYK	0.49, 0.67, 0.00, 0.64
HSL	256°, 50%, 24%
HSV	256°, 67%, 36%
XYZ	3.4793, 2.2647, 10.1513
YIQ	41.7380, -10.0450, 22.3630

Conversions

Conversions Part 2

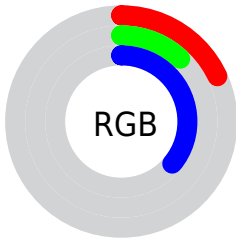
Format	Color
R_{YB}	46, 30, 91
Decimal	3022427
CIE _{Lab}	16.82, 24.56, -34.10
CIE _{LCh}	17, 42.024, 305.755
Yxy	2.2647, 0.2189, 0.1425
Android (android.graphics.Color)	4281212507 (0xFF2E1E5B)
YUV	41.7380, 24.2862, 3.7378
Hunter-Lab	15.0490, 14.9333, -29.4597

Details

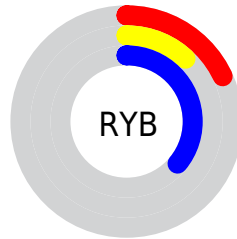
The Hex color **2E1E5B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4B5B1E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **604B8E**, and **00002C** is the 20% darker color. If you saturate the color by 10%, you get **27155B**, and if you desaturate by 10%, it is **35275B**.

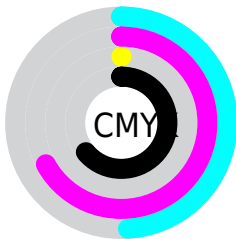
Distribution



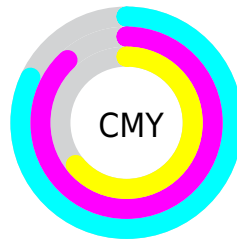
- Red (18%)
- Green (12%)
- Blue (36%)



- Red (18%)
- Yellow (12%)
- Blue (36%)



- Cyan (49%)
- Magenta (67%)
- Yellow (0%)
- Black (64%)



- Cyan (82%)
- Magenta (88%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E1E5B 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 2E1E5B by changing the saturation by 10% instead.

■ 2E1E5B

■ 2E1E5B

FFFFFF

■ 150943

■ 604B8E

■ 00002C

■ 7A63A8

■ 000117

■ 957CC4

■ 000000

■ B096E0

■ CCB1FD

■ E8CCFF

■ FFE9FF

■ 2E1E5B

■ 2E1E5B

■ 27155B

■ 35275B

■ 210C5B

■ 3B305B

■ 1A035B

■ 42395B

■ 18005B

■ 49425B

■ 504C5B

■ 56555B

■ 5D5E5B

■ 64675B

■ 6A705B

Harmonies

Analogous

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



002C66



2E1E5B



500643

Triad

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



2E1E5B



471E00



00362F

Complementary

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



2E1E5B



4B5B1E

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.



00340E



2E1E5B



2F2A00

Square

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



2E1E5B



580903



0E3100



00364C

Rectangle

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



2E1E5B



5A002F



0E3100



003524

Sweetspot

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



2E1E5B



645E75



1E4C5B



302D3B



BABABA



3B3B3B

Same Dimension

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



2E1E5B



301775



4C1E5B



2B292E



1D006E



3E00ED

Inverse Universe

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



5B1E4B



75175D



2D5B1E



2E292D



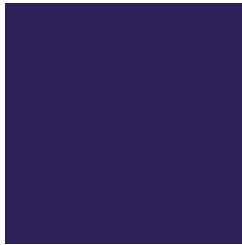
6E0051



ED00AF

Previews

White Background



This preview shows how the Hex color 2E1E5B 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

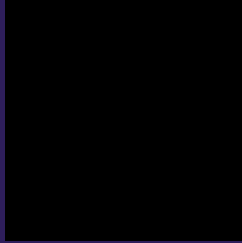
Any Text WCAG AA × Fail

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 2E1E5B Background



This preview shows how black text looks on a background with the Hex color 2E1E5B.



This preview shows how white text looks on a background with the Hex color 2E1E5B.

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
2E1E5B

Protanopia
002956

Deuteranopia
002B4A

Trichromacy



Original Color
2E1E5B

Protanomaly
112558

Deuteranomaly
112650

Tritanomaly
26273F

Monochromacy



Original Color
2E1E5B

Achromatopsia
2A2A2A

Achromatomaly
2B263C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E1E5B 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 #2E1E5B looks like.

```
.text, #text, p{  
    color:#2E1E5B  
}
```

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 #2E1E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1E5B  
}
```

Border

The CSS property to change the border of an element to Hex 2E1E5B 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  
#2E1E5B }
```

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

```
.border{ border-color:#2E1E5B }
```

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

Here you see how a box with a 4 pixel #2E1E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1E5B; -webkit-box-shadow:4px 4px  
4px 4px #2E1E5B; box-shadow:4px 4px 4px  
4px #2E1E5B }
```

Background

The CSS property to change the background color of an element to Hex 2E1E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1E5B }
```

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

```
.background{ background-color:#2E1E5B }
```

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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