

Converting Colors

Hex(2E2F58)

Have a look what the booklet for
Hex(2E2F58) contains.

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Color

Hex(2E2F58)

Conversions

Conversions Part 1

Format	Color
Hex	2E2F58
RGB	46, 47, 88
RGB Percent	18%, 18%, 35%
CMY	0.8196, 0.8157, 0.6549
CMYK	0.48, 0.47, 0.00, 0.65
HSL	239°, 31%, 26%
HSV	239°, 48%, 35%
XYZ	3.9047, 3.3185, 9.6672
YIQ	51.3750, -13.7570, 12.5390

Conversions

Conversions Part 2

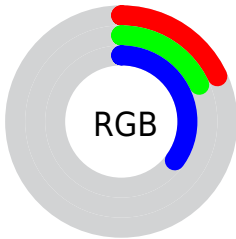
Format	Color
R_{YB}	46, 47, 88
Decimal	3026776
CIE _{Lab}	21.28, 11.85, -24.95
CIE _{LCh}	21, 27.624, 295.403
Yxy	3.3185, 0.2312, 0.1965
Android (android.graphics.Color)	4281216856 (0xFF2E2F58)
YUV	51.3750, 18.0561, -4.7139
Hunter-Lab	18.2166, 6.3819, -18.7125

Details

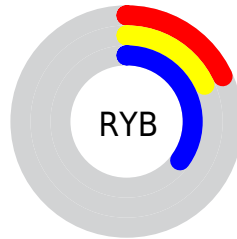
The Hex color **2E2F58** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **58572E**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5F5D8A**, and **01002A** is the 20% darker color. If you saturate the color by 10%, you get **252658**, and if you desaturate by 10%, it is **373858**.

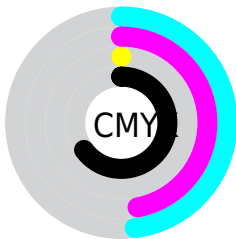
Distribution



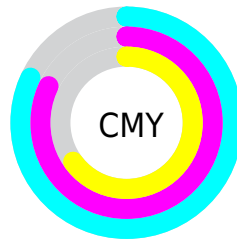
- Red (18%)
- Green (18%)
- Blue (35%)



- Red (18%)
- Yellow (18%)
- Blue (35%)



- Cyan (48%)
- Magenta (47%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (82%)
- Yellow (65%)
- Black (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2F58 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 2E2F58 by changing the saturation by 10% instead.

■ 2E2F58

■ 2E2F58

FFFFFF

■ 161A40

■ 5F5D8A

■ 01002A

■ 7875A5

■ 000115

■ 928FC0

■ 000000

■ ADA9DC

■ C9C5F8

■ E5E1FF

■ FFFDFD

■ 2E2F58

■ 2E2F58

■ 252658

■ 373858

■ 1C1E58

■ 404058

■ 141558

■ 484958

■ 0B0D58

■ 515158

■ 020458

■ 5A5A58

■ 000258

■ 636358

■ 6C6B58

■ 747458

■ 7D7C58

Harmonies

Analogous

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



00365C



2E2F58



49264A

Triad

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



2E2F58



502912



003D2F

Complementary

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



2E2F58



58572E

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.



123B1B



2E2F58



413106

Square

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



2E2F58



582223



2D370B



003D44

Rectangle

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



2E2F58



53223E



2D370B



003C28

Sweetspot

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



2E2F58



636373



2E5857



31313B



BABABA



3B3B3B

Same Dimension

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



2E2F58



313373



422E58



27272B



00036B



0006EB

Inverse Universe

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



582E2F



733133



44582E



2B2727



6B0003



EB0006

Previews

White Background



This preview shows how the Hex color 2E2F58 looks on a white background.

Color Contrast Check

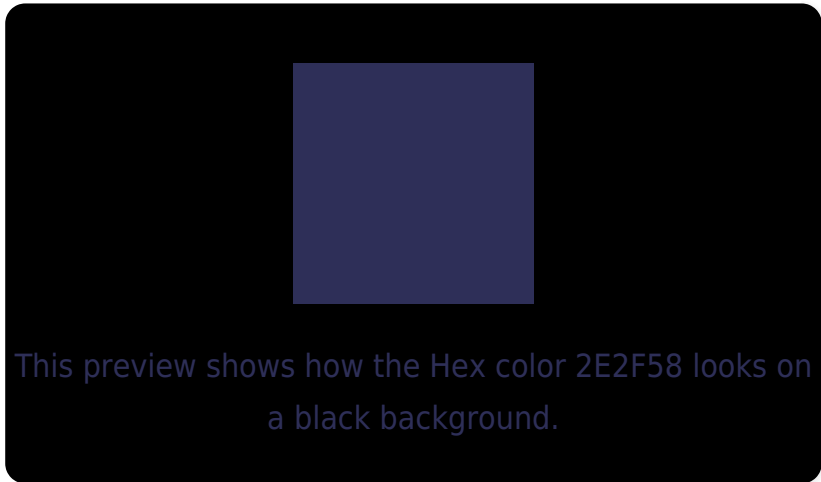
Large Text (above 18pt) WCAG AA ✓ Pass

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

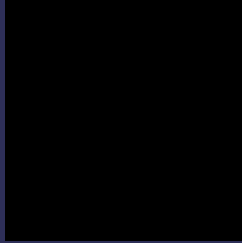
Any Text WCAG AA × Fail

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 2E2F58 Background



This preview shows how black text looks on a background with the Hex color 2E2F58.



This preview shows how white text looks on a background with the Hex color 2E2F58.

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](#).

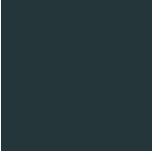
Dichromacy



Original Color
2E2F58

Protanopia
20325B

Deuteranopia
193457



Tritanopia
25363A

Trichromacy



Original Color
2E2F58

Protanomaly
25315A

Deuteranomaly
213257

Tritanomaly
283345

Monochromacy



Original Color
2E2F58

Achromatopsia
333333

Achromatomaly
313240

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2F58 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 #2E2F58 looks like.

```
.text, #text, p{  
    color:#2E2F58  
}
```

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 #2E2F58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2F58
}
```

Border

The CSS property to change the border of an element to Hex 2E2F58 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".

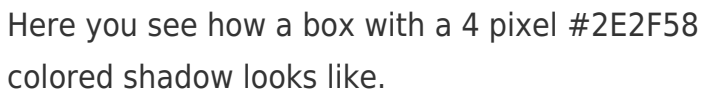
```
.border, #border, table{ border:4px solid
#2E2F58 }
```

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

```
.border{ border-color:#2E2F58 }
```

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

Here you see how a box with a 4 pixel #2E2F58 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2F58; -webkit-box-shadow:4px 4px  
4px 4px #2E2F58; box-shadow:4px 4px 4px  
4px #2E2F58 }
```

Background

The CSS property to change the background color of an element to Hex 2E2F58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2F58 }
```

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

```
.background{ background-color:#2E2F58 }
```

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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