

Converting Colors

Hex(2E2765)

Have a look what the booklet for
Hex(2E2765) contains.

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Color

Hex(2E2765)

Conversions

Conversions Part 1

Format	Color
Hex	2E2765
RGB	46, 39, 101
RGB Percent	18%, 15%, 40%
CMY	0.8196, 0.8471, 0.6039
CMYK	0.54, 0.61, 0.00, 0.60
HSL	247°, 44%, 27%
HSV	247°, 61%, 40%
XYZ	4.2012, 2.9715, 12.6640
YIQ	48.1610, -15.7300, 20.7660

Conversions

Conversions Part 2

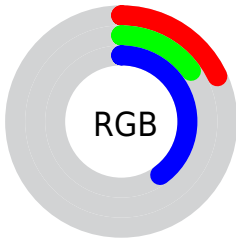
Format	Color
R_{YB}	46, 39, 101
Decimal	3024741
CIE _{Lab}	19.93, 21.92, -35.68
CIE _{LCh}	20, 41.874, 301.563
Yxy	2.9715, 0.2118, 0.1498
Android (android.graphics.Color)	4281214821 (0xFF2E2765)
YUV	48.1610, 26.0496, -1.8952
Hunter-Lab	17.2379, 13.3373, -31.4915

Details

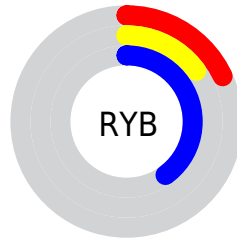
The Hex color **2E2765** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E6527**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **615499**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **251D65**, and if you desaturate by 10%, it is **373165**.

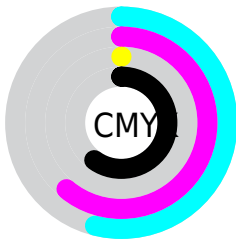
Distribution



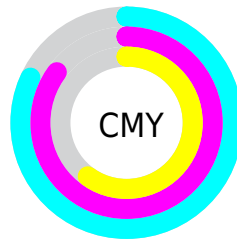
- Red (18%)
- Green (15%)
- Blue (40%)



- Red (18%)
- Yellow (15%)
- Blue (40%)



- Cyan (54%)
- Magenta (61%)
- Yellow (0%)
- Black (60%)



- Cyan (82%)
- Magenta (85%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2765 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 2E2765 by changing the saturation by 10% instead.

■ 2E2765

■ 2E2765

FFFFFF

■ 13134D

■ 615499

■ 000036

■ 7B6DB4

■ 00021F

■ 9686CF

■ 000003

■ B1A0EC

■ 000000

■ CDBBFF

■ EAD7FF

■ FFF4FF

■ 2E2765

■ 2E2765

■ 251D65

■ 373165

■ 1C1365

■ 403B65

■ 130965

■ 494565

■ 0B0065

■ 524F65

■ 5B5A65

■ 646465

■ 6D6E65

■ 767865

■ 7F8265

Harmonies

Analogous

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



00346E



2E2765



55144E

Triad

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



2E2765



532200



003D31

Complementary

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



2E2765



5E6527

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.



003B10



2E2765



3B2F00

Square

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



2E2765



611012



1D3700



003D50

Rectangle

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



2E2765



61063A



1D3700



003D26

Sweetspot

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



2E2765



6D6B82



275F65



353442



C2C2C2



424242

Same Dimension

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



2E2765



2D2282



4C2765



2E2E33



0D0073



1B00F2

Inverse Universe

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



65275E



822277



406527



332E32



730066



F200D7

Previews

White Background



This preview shows how the Hex color 2E2765 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

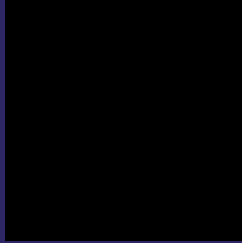
Any Text WCAG AA × Fail

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 2E2765 Background



This preview shows how black text looks on a background with the Hex color 2E2765.



This preview shows how white text looks on a background with the Hex color 2E2765.

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](#).

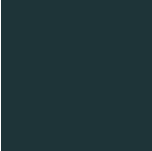
Dichromacy



Original Color
2E2765

Protanopia
002F63

Deuteranopia
003256



Tritanopia
1E3438

Trichromacy



Original Color
2E2765

Protanomaly
112C64

Deuteranomaly
112E5B

Tritanomaly
242F48

Monochromacy



Original Color
2E2765

Achromatopsia
303030

Achromatomaly
2F2D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2765 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 #2E2765 looks like.

```
.text, #text, p{  
    color:#2E2765  
}
```

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 #2E2765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2765
}
```

Border

The CSS property to change the border of an element to Hex 2E2765 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
#2E2765 }
```

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

```
.border{ border-color:#2E2765 }
```

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

Here you see how a box with a 4 pixel #2E2765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2765; -webkit-box-shadow:4px 4px  
4px 4px #2E2765; box-shadow:4px 4px 4px  
4px #2E2765 }
```

Background

The CSS property to change the background color of an element to Hex 2E2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2765 }
```

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

```
.background{ background-color:#2E2765 }
```

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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