

Converting Colors

Hex(2E2764)

Have a look what the booklet for
Hex(2E2764) contains.

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Color

Hex(2E2764)

Conversions

Conversions Part 1

Format	Color
Hex	2E2764
RGB	46, 39, 100
RGB Percent	18%, 15%, 39%
CMY	0.8196, 0.8471, 0.6078
CMYK	0.54, 0.61, 0.00, 0.61
HSL	247°, 44%, 27%
HSV	247°, 61%, 39%
XYZ	4.1525, 2.9520, 12.4075
YIQ	48.0470, -15.4090, 20.4550

Conversions

Conversions Part 2

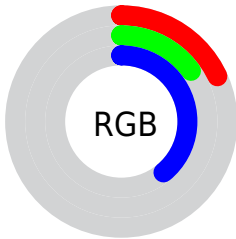
Format	Color
R_{YB}	46, 39, 100
Decimal	3024740
CIE _{Lab}	19.85, 21.57, -35.15
CIE _{LCh}	20, 41.243, 301.537
Yxy	2.9520, 0.2128, 0.1513
Android (android.graphics.Color)	4281214820 (0xFF2E2764)
YUV	48.0470, 25.6128, -1.7952
Hunter-Lab	17.1813, 13.0736, -30.7894

Details

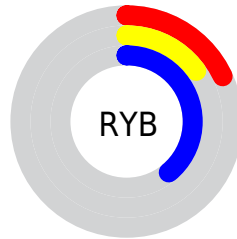
The Hex color **2E2764** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D6427**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **615497**, and **000035** is the 20% darker color. If you saturate the color by 10%, you get **251D64**, and if you desaturate by 10%, it is **373164**.

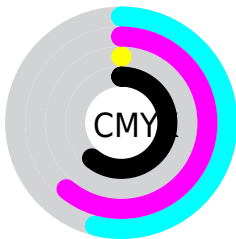
Distribution



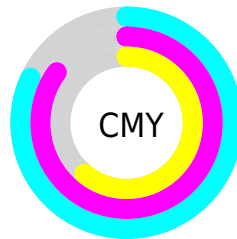
- Red (18%)
- Green (15%)
- Blue (39%)



- Red (18%)
- Yellow (15%)
- Blue (39%)



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



- Cyan (82%)
- Magenta (85%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2764 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 2E2764 by changing the saturation by 10% instead.

■ 2E2764

■ 2E2764

FFFFFF

■ 13134C

■ 615497

■ 000035

■ 7B6DB2

■ 00021E

■ 9686CE

■ 000001

■ B1A0EB

■ 000000

■ CDBBFF

■ EAD7FF

■ FFF3FF

■ 2E2764

■ 2E2764

■ 251D64

■ 373164

■ 1C1364

■ 403B64

■ 130964

■ 494564

■ 0B0064

■ 514F64

■ 5A5964

■ 636364

■ 6C6D64

■ 757764

■ 7E8164

Harmonies

Analogous

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



00346D



2E2764



54154D

Triad

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



2E2764



522300



003D31

Complementary

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



2E2764



5D6427

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.



003B11



2E2764



3B2F00

Square

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



2E2764



611112



1D3700



003D4F

Rectangle

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



2E2764



60073A



1D3700



003C26

Sweetspot

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



2E2764



6D6B82



275E64



353442



C2C2C2



424242

Same Dimension

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



2E2764



2E2382



4C2764



2E2E33



0D0073



1C00F2

Inverse Universe

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



64275D



822377



3F6427



332E32



730066



F200D6

Previews

White Background



This preview shows how the Hex color 2E2764 looks on a white background.

Color Contrast Check

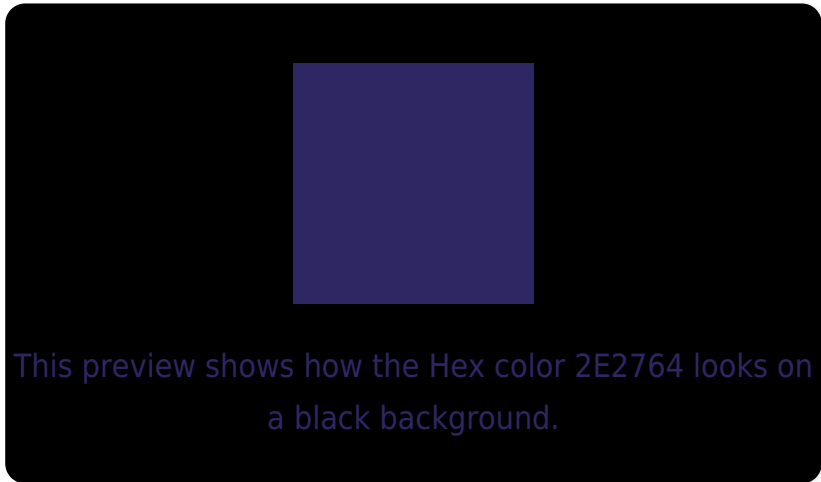
Large Text (above 18pt) WCAG AA ✓ Pass

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

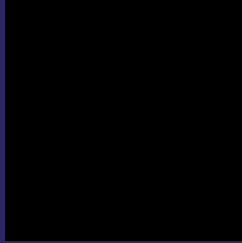
Any Text WCAG AA × Fail

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 2E2764 Background



This preview shows how black text looks on a background with the Hex color 2E2764.

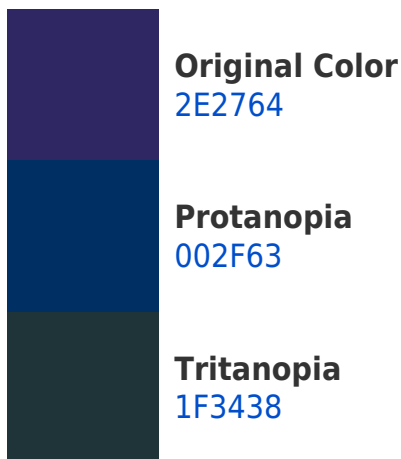


This preview shows how white text looks on a background with the Hex color 2E2764.

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



Trichromacy



Original Color
2E2764

Protanomaly
112C63

Tritanomaly
242F48

Monochromacy



Original Color
2E2764

Achromatopsia
303030

Achromatomaly
2F2D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2764 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 #2E2764 looks like.

```
.text, #text, p{  
    color:#2E2764  
}
```

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 #2E2764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2764
}
```

Border

The CSS property to change the border of an element to Hex 2E2764 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".

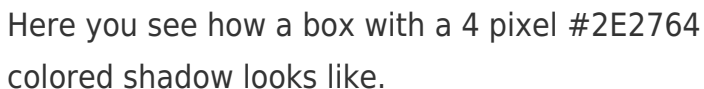
```
.border, #border, table{ border:4px solid
#2E2764 }
```

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

```
.border{ border-color:#2E2764 }
```

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

Here you see how a box with a 4 pixel #2E2764 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 #2E2764; -webkit-box-shadow:4px 4px  
4px 4px #2E2764; box-shadow:4px 4px 4px  
4px #2E2764 }
```

Background

The CSS property to change the background color of an element to Hex 2E2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2764 }
```

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

```
.background{ background-color:#2E2764 }
```

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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