

Converting Colors

Hex(272764)

Have a look what the booklet for
Hex(272764) contains.

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Color

Hex(272764)

Conversions

Conversions Part 1

Format	Color
Hex	272764
RGB	39, 39, 100
RGB Percent	15%, 15%, 39%
CMY	0.8471, 0.8471, 0.6078
CMYK	0.61, 0.61, 0.00, 0.61
HSL	240°, 44%, 27%
HSV	240°, 61%, 39%
XYZ	3.8625, 2.8025, 12.3939
YIQ	45.9540, -19.5810, 18.9710

Conversions

Conversions Part 2

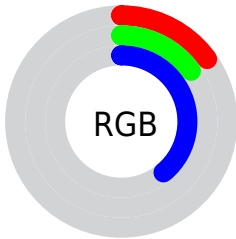
Format	Color
R_{YB}	39, 39, 100
Decimal	2565988
CIE _{Lab}	19.23, 20.03, -36.18
CIE _{LCh}	19, 41.351, 298.968
Yxy	2.8025, 0.2027, 0.1470
Android (android.graphics.Color)	4280756068 (0xFF272764)
YUV	45.9540, 26.6447, -6.0987
Hunter-Lab	16.7406, 11.8884, -32.1771

Details

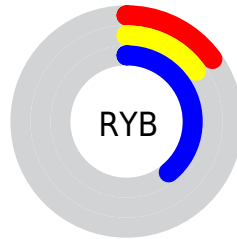
The Hex color **272764** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **646427**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5B5497**, and **000035** is the 20% darker color. If you saturate the color by 10%, you get **1D1D64**, and if you desaturate by 10%, it is **313164**.

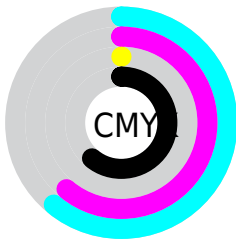
Distribution



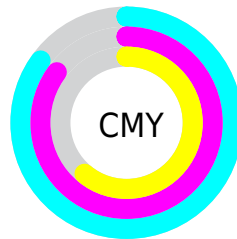
- Red (15%)
- Green (15%)
- Blue (39%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 272764 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 272764 by changing the saturation by 10% instead.

■ 272764

■ 272764

FFFFFF

■ 08134C

■ 5B5497

■ 000035

■ 756CB2

■ 00021E

■ 8F86CE

■ 000001

■ ABA0EB

■ 000000

■ C7BBFF

■ E3D7FF

■ FFF3FF

■ 272764

■ 272764

■ 1D1D64

■ 313164

■ 131364

■ 3B3B64

■ 090964

■ 454564

■ 000064

■ 4F4F64

■ 595964

■ 636364

■ 6D6D64

■ 777764

■ 818164

Harmonies

Analogous

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



00336C



272764



51154E

Triad

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



272764



522000



003B2D

Complementary

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



272764



646427

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.



00390C



272764



3C2D00

Square

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



272764



600D14



1F3500



003B4B

Rectangle

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



272764



5D063B



1F3500



003B22

Sweetspot

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



272764



6B6B82



276464



343442



C2C2C2



424242

Same Dimension

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



272764



232382



462764



2E2E33



000073



0000F2

Inverse Universe

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



642764



822382



466427



332E33



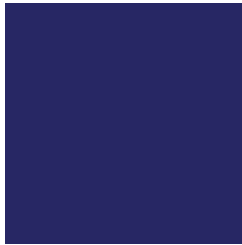
730073



F200F2

Previews

White Background



This preview shows how the Hex color 272764 looks on a white background.

Color Contrast Check

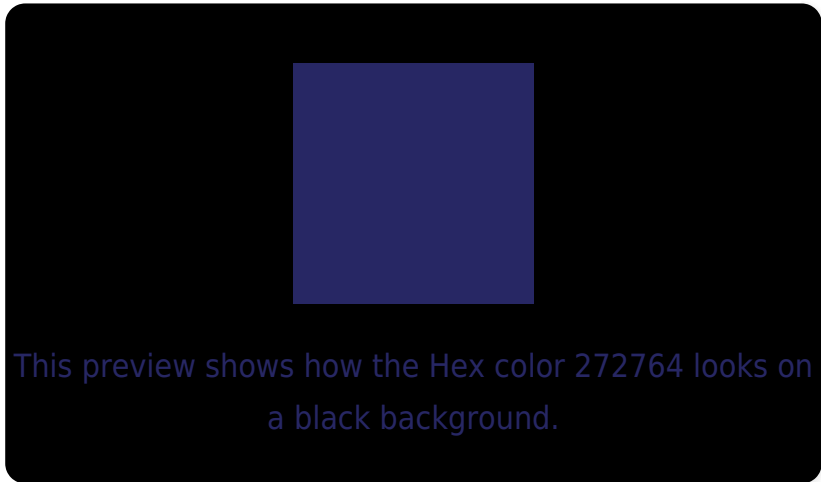
Large Text (above 18pt) WCAG AA ✓ Pass

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 272764 Background



This preview shows how black text looks on a background with the Hex color 272764.



This preview shows how white text looks on a background with the Hex color 272764.

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](#).

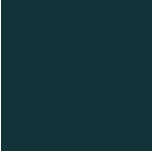
Dichromacy



Original Color
272764

Protanopia
002D60

Deuteranopia
003053



Tritanopia
113438

Trichromacy



Original Color
272764

Protanomaly
0E2B61

Deuteranomaly
0E2D59

Tritanomaly
192F48

Monochromacy



Original Color
272764

Achromatopsia
2E2E2E

Achromatomaly
2B2B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 272764 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 #272764 looks like.

```
.text, #text, p{  
    color:#272764  
}
```

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 #272764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272764
}
```

Border

The CSS property to change the border of an element to Hex 272764 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
#272764 }
```

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

```
.border{ border-color:#272764 }
```

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

Here you see how a box with a 4 pixel #272764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272764; -webkit-box-shadow:4px 4px  
4px 4px #272764; box-shadow:4px 4px 4px  
4px #272764 }
```

Background

The CSS property to change the background color of an element to Hex 272764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272764 }
```

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

```
.background{ background-color:#272764 }
```

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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