

Converting Colors

Hex(272464)

Have a look what the booklet for
Hex(272464) contains.

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Color

Hex(272464)

Conversions

Conversions Part 1

Format	Color
Hex	272464
RGB	39, 36, 100
RGB Percent	15%, 14%, 39%
CMY	0.8471, 0.8588, 0.6078
CMYK	0.61, 0.64, 0.00, 0.61
HSL	243°, 47%, 27%
HSV	243°, 64%, 39%
XYZ	3.7678, 2.6132, 12.3624
YIQ	44.1930, -18.7560, 20.5400

Conversions

Conversions Part 2

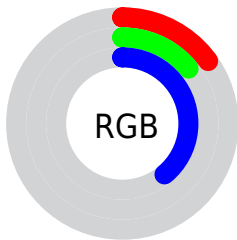
Format	Color
R_{YB}	39, 36, 100
Decimal	2565220
CIE _{Lab}	18.42, 22.11, -37.50
CIE _{LCh}	18, 43.529, 300.528
Yxy	2.6132, 0.2010, 0.1394
Android (android.graphics.Color)	4280755300 (0xFF272464)
YUV	44.1930, 27.5129, -4.5543
Hunter-Lab	16.1654, 13.3155, -34.0261




Details

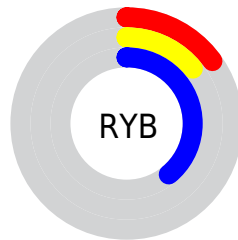
The Hex color **272464** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **616424**, and the grayscale version is **2C2C2C**.




A 20% lighter version of the original color is **5B5198**, and **000035** is the 20% darker color. If you saturate the color by 10%, you get **1D1A64**, and if you desaturate by 10%, it is **312E64**.

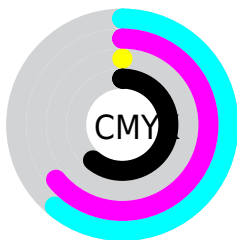
Distribution







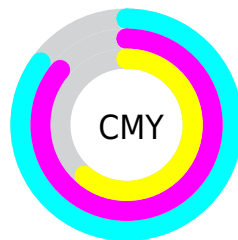
-  Red (15%)
-  Green (14%)
-  Blue (39%)






-  Red (15%)
-  Yellow (14%)
-  Blue (39%)



-  Cyan (61%)
-  Magenta (64%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (85%)
-  Magenta (86%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272464 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 272464 by changing the saturation by 10% instead.

■ 272464

■ 272464

FFFFFF

■ 08104C

■ 5B5198

■ 000035

■ 7569B3

■ 00021E

■ 9082CE

■ 000001

■ AB9CEB

■ 000000

■ C7B7FF

■ E4D3FF

■ FFEFFF

■ 272464

■ 272464

■ 1D1A64

■ 312E64

■ 141064

■ 3A3864

■ 0A0664

■ 444264

■ 050064

■ 4D4C64

■ 575664

■ 606064

■ 6A6A64

■ 737464

■ 7D7E64

Harmonies

Analogous

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



00316D



272464



520E4C

Triad

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



272464



501E00



003A2D

Complementary

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



272464



616424

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.



00380A



272464



382C00

Square

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



272464



5F070E



193400



003A4C

Rectangle

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



272464



5E0038



193400



003922

Sweetspot

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



272464



6A6982



246264



343342



C2C2C2



424242

Same Dimension

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



272464



231E82



462464



2E2E33



050073



0B00F2

Inverse Universe

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



642461



821E7D



426424



332E33



73006D



F200E7

Previews

White Background



This preview shows how the Hex color 272464 looks on a white background.

Color Contrast Check

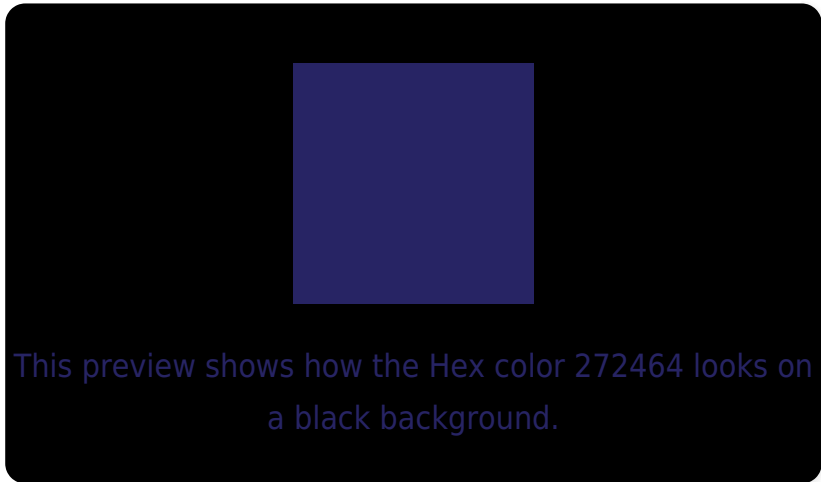
Large Text (above 18pt) WCAG AA ✓ Pass

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

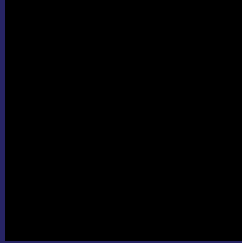
Any Text WCAG AA × Fail

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 272464 Background



This preview shows how black text looks on a background with the Hex color 272464.



This preview shows how white text looks on a background with the Hex color 272464.

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

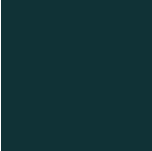
272464

Protanopia

002C5C

Deuteranopia

002E50



Tritanopia
103236

Trichromacy



Original Color
272464

Protanomaly
0E295F

Deuteranomaly
0E2A57

Tritanomaly
182D47

Monochromacy



Original Color
272464

Achromatopsia
2C2C2C

Achromatomaly
2A2940

CSS Examples

Text

The CSS property to change the color of the text to Hex 272464 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 #272464 looks like.

```
.text, #text, p{  
    color:#272464  
}
```

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 #272464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272464
}
```

Border

The CSS property to change the border of an element to Hex 272464 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
#272464 }
```

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

```
.border{ border-color:#272464 }
```

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

Here you see how a box with a 4 pixel #272464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272464; -webkit-box-shadow:4px 4px  
4px 4px #272464; box-shadow:4px 4px 4px  
4px #272464 }
```

Background

The CSS property to change the background color of an element to Hex 272464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272464 }
```

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

```
.background{ background-color:#272464 }
```

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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