

Converting Colors

Hex(27244C)

Have a look what the booklet for
Hex(27244C) contains.

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Color

Hex(27244C)

Conversions

Conversions Part 1

Format	Color
Hex	27244C
RGB	39, 36, 76
RGB Percent	15%, 14%, 30%
CMY	0.8471, 0.8588, 0.7020
CMYK	0.49, 0.53, 0.00, 0.70
HSL	244°, 36%, 22%
HSV	244°, 53%, 30%
XYZ	2.7721, 2.2149, 7.1189
YIQ	41.4570, -11.0520, 13.0760

Conversions

Conversions Part 2

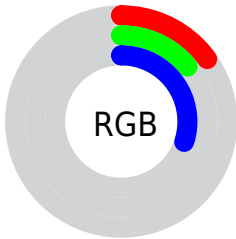
Format	Color
RYB	39, 36, 76
Decimal	2565196
CIELab	16.58, 13.49, -24.40
CIELCh	17, 27.885, 298.932
Yxy	2.2149, 0.2290, 0.1830
Android (android.graphics.Color)	4280755276 (0xFF27244C)
YUV	41.4570, 17.0297, -2.1548
Hunter-Lab	14.8825, 7.2038, -17.9430




Details

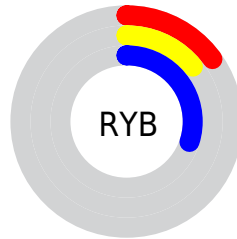
The Hex color **27244C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **494C24**, and the grayscale version is **292929**.




A 20% lighter version of the original color is **57517D**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **201C4C**, and if you desaturate by 10%, it is **2E2C4C**.

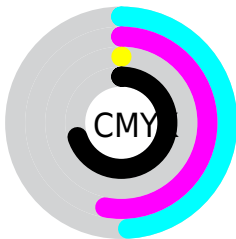
Distribution







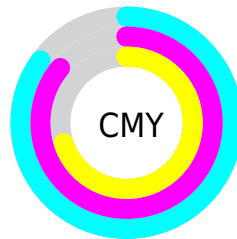
-  Red (15%)
-  Green (14%)
-  Blue (30%)






-  Red (15%)
-  Yellow (14%)
-  Blue (30%)



-  Cyan (49%)
-  Magenta (53%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (85%)
-  Magenta (86%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27244C 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 27244C by changing the saturation by 10% instead.

■ 27244C

■ 27244C

FFFFFF

■ 101035

■ 57517D

■ 000220

■ 706997

■ 000003

■ 8A82B2

■ 000000

■ A49CCE

■ C0B7EA

■ DCD2FF

■ F9EFFF

■ 27244C

■ 27244C

■ 201C4C

■ 2E2C4C

■ 19154C

■ 35334C

■ 120D4C

■ 3C3B4C

■ 0B064C

■ 43424C

■ 06004C

■ 4A4A4C

■ 51524C

■ 58594C

■ 5F614C

■ 66684C

Harmonies

Analogous

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



002C51



27244C



401B3E

Triad

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



27244C



432002



003228

Complementary

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



27244C



494C24

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.



003113



27244C



342800

Square

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



27244C



4B1817



212D00



00323C

Rectangle

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



27244C



491631



212D00



003221

Sweetspot

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



27244C



555463



24494C



2A2933



B3B3B3



333333

Same Dimension

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



27244C



292563



3B244C



232226



080066



1100E6

Inverse Universe

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



4C2449



63255F



354C24



262226



66005E



E600D4

Previews

White Background



This preview shows how the Hex color 27244C looks on a white background.

Color Contrast Check

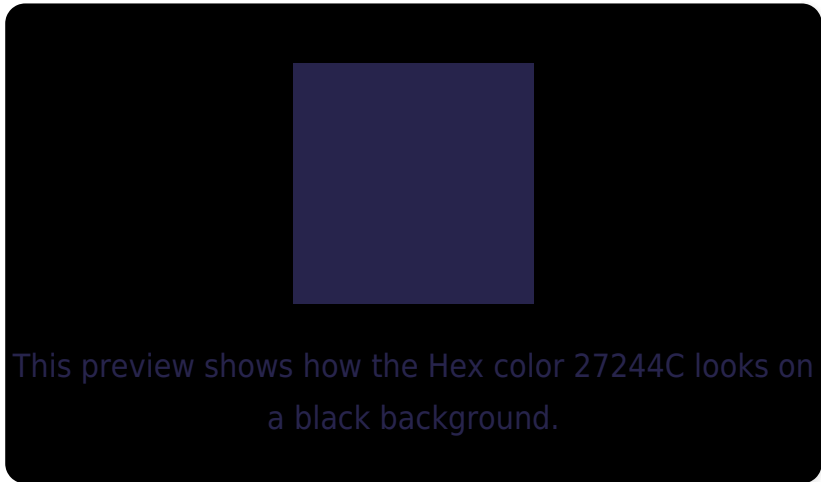
Large Text (above 18pt) WCAG AA ✓ Pass

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

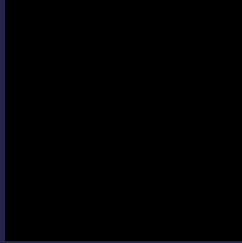
Any Text WCAG AA × Fail

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 27244C Background



This preview shows how black text looks on a background with the Hex color 27244C.



This preview shows how white text looks on a background with the Hex color 27244C.

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
27244C

Protanopia
112850

Deuteranopia
002A4A



Tritanopia
1E2B2F

Trichromacy



Original Color
27244C

Protanomaly
19274F

Deuteranomaly
0E284B

Tritanomaly
21283A

Monochromacy



Original Color
27244C

Achromatopsia
292929

Achromatomaly
282736

CSS Examples

Text

The CSS property to change the color of the text to Hex 27244C 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 #27244C looks like.

```
.text, #text, p{  
    color:#27244C  
}
```

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 #27244C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27244C
}
```

Border

The CSS property to change the border of an element to Hex 27244C is called "border". The border property can be set on classes, ids or directly on the HTML element.

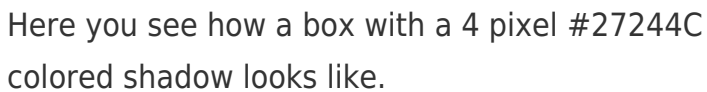
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27244C }
```

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

```
.border{ border-color:#27244C }
```

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



Here you see how a box with a 4 pixel #27244C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27244C; -webkit-box-shadow:4px 4px  
4px 4px #27244C; box-shadow:4px 4px 4px  
4px #27244C }
```

Background

The CSS property to change the background color of an element to Hex 27244C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27244C }
```

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

```
.background{ background-color:#27244C }
```

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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