

Converting Colors

Hex(27165C)

Have a look what the booklet for
Hex(27165C) contains.

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Color

Hex(27165C)

Conversions

Conversions Part 1

Format	Color
Hex	27165C
RGB	39, 22, 92
RGB Percent	15%, 9%, 36%
CMY	0.8471, 0.9137, 0.6392
CMYK	0.58, 0.76, 0.00, 0.64
HSL	255°, 61%, 22%
HSV	255°, 76%, 36%
XYZ	3.0554, 1.7779, 10.3073
YIQ	35.0630, -12.3380, 25.3740

Conversions

Conversions Part 2

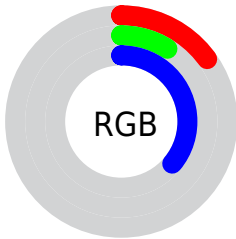
Format	Color
RYB	39, 22, 92
Decimal	2561628
CIELab	14.28, 28.48, -38.95
CIELCh	14, 48.255, 306.176
Yxy	1.7779, 0.2018, 0.1174
Android (android.graphics.Color)	4280751708 (0xFF27165C)
YUV	35.0630, 28.0699, 3.4527
Hunter-Lab	13.3336, 17.5690, -36.4995

Details

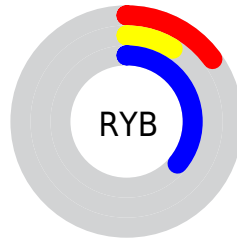
The Hex color **27165C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4B5C16**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **5B438F**, and **00002D** is the 20% darker color. If you saturate the color by 10%, you get **200D5C**, and if you desaturate by 10%, it is **2E1F5C**.

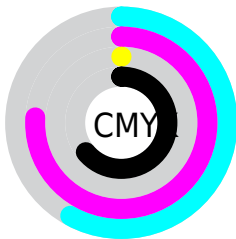
Distribution



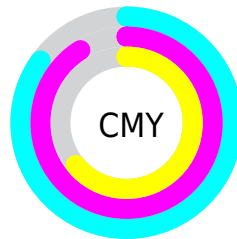
- Red (15%)
- Green (9%)
- Blue (36%)



- Red (15%)
- Yellow (9%)
- Blue (36%)



- Cyan (58%)
- Magenta (76%)
- Yellow (0%)
- Black (64%)



- Cyan (85%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27165C 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 27165C by changing the saturation by 10% instead.

 27165C

 27165C

 FFFCFF

 0C0044

 5B438F

 00002D

 755AAA

 000117

 8F73C5

 000000

 AB8DE2

 C7A8FE

 E3C3FF

 FFDFFF

 27165C

 27165C

■ 200D5C

■ 2E1F5C

■ 19045C

■ 35285C

■ 16005C

■ 3C325C

■ 433B5C

■ 4A445C

■ 514D5C

■ 58565C

■ 5F605C

■ 66695C

Harmonies

Analogous

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



002769



27165C



4F0040

Triad

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



27165C



431700



00312B

Complementary

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



27165C



4B5C16

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.



003001



27165C



282500

Square

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



27165C



560000



002C00



00314C

Rectangle

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



27165C



5A002A



002C00



00311F

Sweetspot

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



27165C



635C78



164C5C



302C3D



BDBDBD



3D3D3D

Same Dimension

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



27165C



250B78



49165C



2A292E



1B006E



3A00ED

Inverse Universe

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



5C164B



780B5D



295C16



2E292D



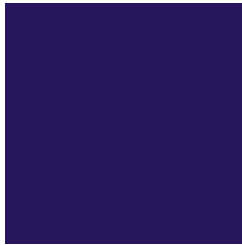
6E0053



ED00B4

Previews

White Background



This preview shows how the Hex color 27165C looks on a white background.

Color Contrast Check

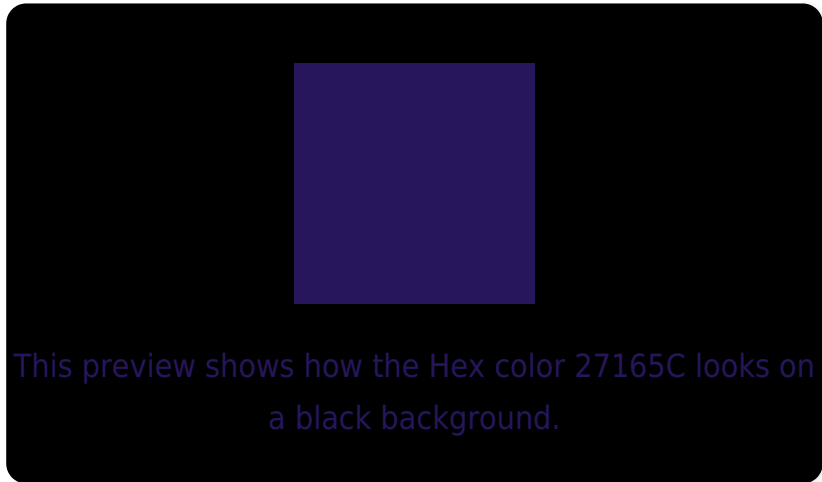
Large Text (above 18pt) WCAG AA ✓ Pass

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

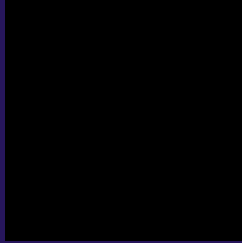
Any Text WCAG AA × Fail

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 27165C Background



This preview shows how black text looks on a background with the Hex color 27165C.



This preview shows how white text looks on a background with the Hex color 27165C.

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
27165C

Protanopia
00244C

Deuteranopia
002641



Tritanopia
13282B

Trichromacy



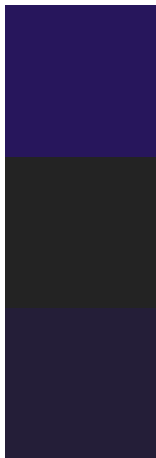
Original Color
27165C

Protanomaly
0E1F52

Deuteranomaly
0E204B

Tritanomaly
1A213D

Monochromacy



Original Color
27165C

Achromatopsia
232323

Achromatomaly
241E38

CSS Examples

Text

The CSS property to change the color of the text to Hex 27165C 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 #27165C looks like.

```
.text, #text, p{  
    color:#27165C  
}
```

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 #27165C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27165C
}
```

Border

The CSS property to change the border of an element to Hex 27165C 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".

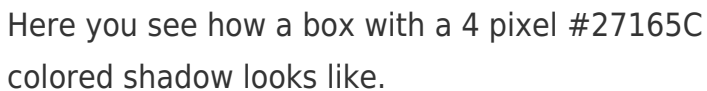
```
.border, #border, table{ border:4px solid
#27165C }
```

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

```
.border{ border-color:#27165C }
```

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

Here you see how a box with a 4 pixel #27165C 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 #27165C; -webkit-box-shadow:4px 4px  
4px 4px #27165C; box-shadow:4px 4px 4px  
4px #27165C }
```

Background

The CSS property to change the background color of an element to Hex 27165C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27165C }
```

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

```
.background{ background-color:#27165C }
```

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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