

Converting Colors

Hex(271941)

Have a look what the booklet for
Hex(271941) contains.

Hex(271941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(271941)

Conversions

Conversions Part 1

Format	Color
Hex	271941
RGB	39, 25, 65
RGB Percent	15%, 10%, 25%
CMY	0.8471, 0.9020, 0.7451
CMYK	0.40, 0.62, 0.00, 0.75
HSL	261°, 44%, 18%
HSV	261°, 62%, 25%
XYZ	2.1385, 1.5083, 5.1794
YIQ	33.7460, -4.4960, 15.4080

Conversions

Conversions Part 2

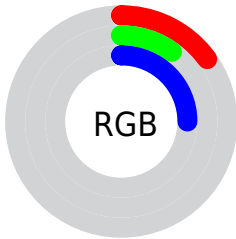
Format	Color
R_{YB}	39, 25, 65
Decimal	2562369
CIE _{Lab}	12.66, 17.62, -23.05
CIE _{LCh}	13, 29.013, 307.388
Yxy	1.5083, 0.2423, 0.1709
Android (android.graphics.Color)	4280752449 (0xFF271941)
YUV	33.7460, 15.4082, 4.6078
Hunter-Lab	12.2811, 9.5897, -16.4083

Details

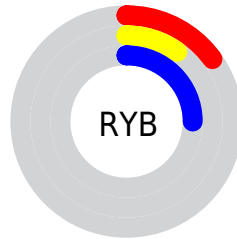
The Hex color **271941** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **334119**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **564571**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **231241**, and if you desaturate by 10%, it is **2B1F41**.

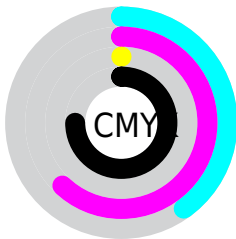
Distribution



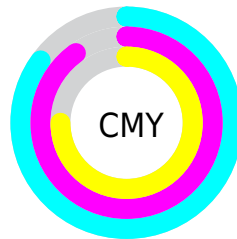
- Red (15%)
- Green (10%)
- Blue (25%)



- Red (15%)
- Yellow (10%)
- Blue (25%)



- Cyan (40%)
- Magenta (62%)
- Yellow (0%)
- Black (75%)



- Cyan (85%)
- Magenta (90%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271941 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 271941 by changing the saturation by 10% instead.

■ 271941

■ 271941

■ FFFDFF

■ 14002B

■ 564571

■ 000115

■ 6F5C8B

■ 000000

■ 8975A5

■ A38FC1

■ BFA9DC

■ DBC4F9

■ F7E0FF

■ 271941

■ 271941

■ 231241

■ 2B1F41

■ 1F0C41

■ 2F2641

■ 1A0541

■ 342D41

■ 170041

■ 383341

■ 3C3941

■ 404041

■ 454641

■ 494D41

■ 4D5341

Harmonies

Analogous

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



002249



271941



3C0E31

Triad

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



271941



361A00



002A25

Complementary

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



271941



334119

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.



002910



271941



262200

Square

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



271941



411005



122600



002939

Rectangle

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



271941



430A23



122600



002A1E

Sweetspot

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



271941



4A4554



193341



25222B



ABABAB



2B2B2B

Same Dimension

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



271941



2C1654



3B1941



1F1E21



220061



4F00E0

Inverse Universe

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



411933



54163E



1F4119



211E20



61003F



E00092

Previews

White Background



This preview shows how the Hex color 271941 looks on a white background.

Color Contrast Check

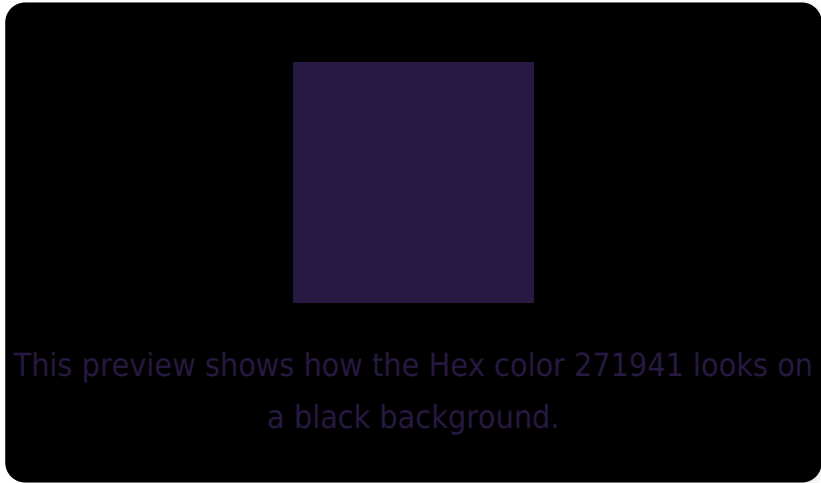
Large Text (above 18pt) WCAG AA ✓ Pass

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

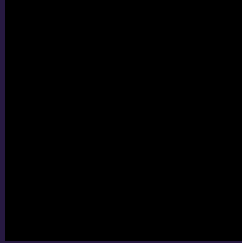
Any Text WCAG AA × Fail

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 271941 Background



This preview shows how black text looks on a background with the Hex color 271941.



This preview shows how white text looks on a background with the Hex color 271941.

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
271941

Protanopia
002044

Deuteranopia
00223C

Trichromacy



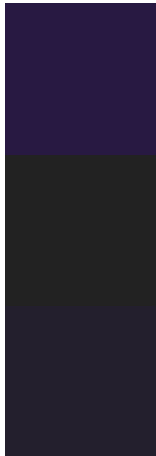
Original Color
271941

Protanomaly
0E1D43

Deuteranomaly
0E1F3E

Tritanomaly
231E2F

Monochromacy



Original Color
271941

Achromatopsia
222222

Achromatomaly
241F2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 271941 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 #271941 looks like.

```
.text, #text, p{  
    color:#271941  
}
```

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 #271941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271941
}
```

Border

The CSS property to change the border of an element to Hex 271941 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
#271941 }
```

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

```
.border{ border-color:#271941 }
```

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

Here you see how a box with a 4 pixel #271941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271941; -webkit-box-shadow:4px 4px  
4px 4px #271941; box-shadow:4px 4px 4px  
4px #271941 }
```

Background

The CSS property to change the background color of an element to Hex 271941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271941 }
```

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

```
.background{ background-color:#271941 }
```

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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