

Converting Colors

Hex(270020)

Have a look what the booklet for
Hex(270020) contains.

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Color

Hex(270020)

Conversions

Conversions Part 1

Format	Color
Hex	270020
RGB	39, 0, 32
RGB Percent	15%, 0%, 13%
CMY	0.8471, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.18, 0.85
HSL	311°, 100%, 8%
HSV	311°, 100%, 15%
XYZ	1.0974, 0.5356, 1.4120
YIQ	15.3090, 12.9720, 18.2200

Conversions

Conversions Part 2

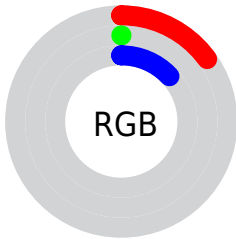
Format	Color
R_{YB}	39, 0, 32
Decimal	2555936
CIE _{Lab}	4.84, 23.19, -11.06
CIE _{LCh}	5, 25.692, 334.500
Yxy	0.5356, 0.3604, 0.1759
Android (android.graphics.Color)	4280746016 (0xFF270020)
YUV	15.3090, 8.2287, 20.7770
Hunter-Lab	7.3186, 13.9582, -6.3163

Details

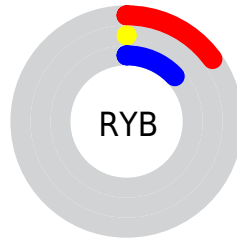
The Hex color **270020** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002707**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **552D4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **270020**, and if you desaturate by 10%, it is **270421**.

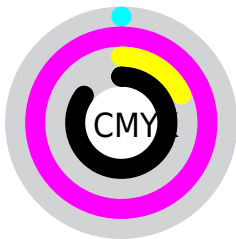
Distribution



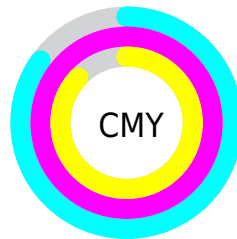
- Red (15%)
- Green (0%)
- Blue (13%)



- Red (15%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (85%)



- Cyan (85%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 270020 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 270020 by changing the saturation by 10% instead.

 270020

 270020

 FFE2FF

 000005

 552D4C

 000000

 6E4464

 885C7D

 A27597

 BE8FB2

 DAAACD

 F7C5E9

 270020

■ 270421

■ 270821

■ 270C22

■ 271023

■ 271424

■ 271724

■ 271B25

■ 271F26

■ 272326

Harmonies

Analogous

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



14092D



270020



2E000E

Triad

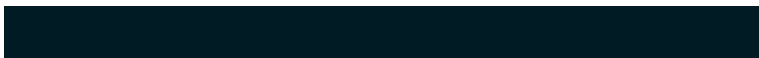
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



270020



131100



001B24

Complementary

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



270020



002707

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.



001A13



270020



001700

Square

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



270020



230800



001A00



00182F

Rectangle

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



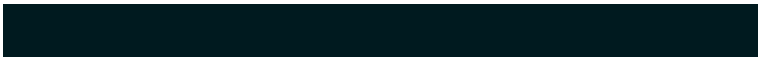
270020



2E0000



001A00



001A1F

Sweetspot

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



270020



332430



060027



1A1018



999999



1A1A1A

Same Dimension

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



270020



33002A



27000D



141214



540045



D400AE

Inverse Universe

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



270020



33002A



00271A



141214



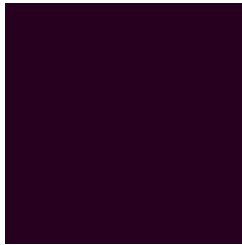
540045



D400AE

Previews

White Background



This preview shows how the Hex color 270020 looks on a white background.

Color Contrast Check

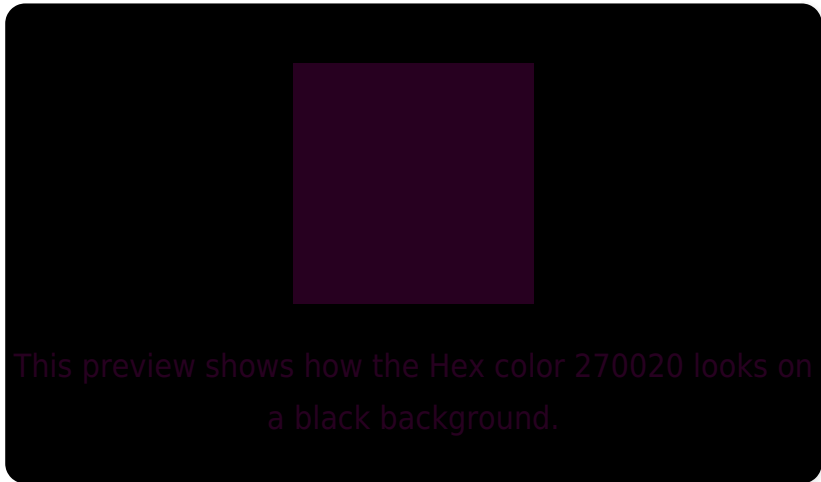
Large Text (above 18pt) WCAG AA ✓ Pass

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

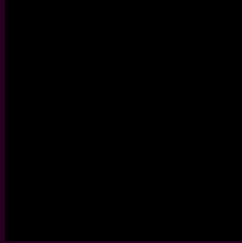
Any Text WCAG AA × Fail

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 270020 Background



This preview shows how black text looks on a background with the Hex color 270020.



This preview shows how white text looks on a background with the Hex color 270020.

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](#).

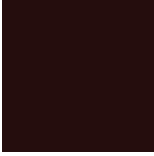
Dichromacy



Original Color
270020

Protanopia
00152C

Deuteranopia
13151E



Tritanopia
250D0D

Trichromacy



Original Color

270020

Protanomaly

0E0D28

Deuteranomaly

1A0D1F

Tritanomaly

260814

Monochromacy



Original Color

270020

Achromatopsia

0F0F0F

Achromatomaly

180A15

CSS Examples

Text

The CSS property to change the color of the text to Hex 270020 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 #270020 looks like.

```
.text, #text, p{  
    color:#270020  
}
```

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 #270020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270020
}
```

Border

The CSS property to change the border of an element to Hex 270020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

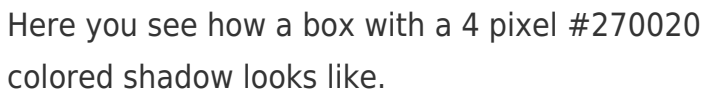
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#270020 }
```

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

```
.border{ border-color:#270020 }
```

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



Here you see how a box with a 4 pixel #270020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #270020; -webkit-box-shadow:4px 4px  
4px 4px #270020; box-shadow:4px 4px 4px  
4px #270020 }
```

Background

The CSS property to change the background color of an element to Hex 270020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270020 }
```

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

```
.background{ background-color:#270020 }
```

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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