

Converting Colors

Decimal(270111)

Have a look what the booklet for
Decimal(270111) contains.

Decimal(270111)	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

Decimal(270111)

Conversions

Conversions Part 1

Format	Color
Hex	041F1F
RGB	4, 31, 31
RGB Percent	2%, 12%, 12%
CMY	0.9843, 0.8784, 0.8784
CMYK	0.87, 0.00, 0.00, 0.88
HSL	180°, 77%, 7%
HSV	180°, 87%, 12%
XYZ	0.7874, 1.1047, 1.4681
YIQ	22.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

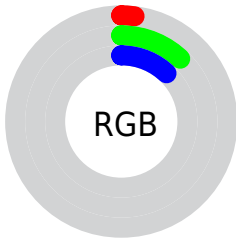
Format	Color
R _Y B	4, 18, 31
Decimal	270111
CIE Lab	9.83, -10.14, -3.06
CIE LCh	10, 10.589, 196.790
Yxy	1.1047, 0.2343, 0.3288
Android (android.graphics.Color)	4278460191 (0xFF041F1F)
YUV	22.9270, 3.9800, -16.5990
Hunter-Lab	10.5105, -5.0214, -0.9239

Details

The Decimal color **270111** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2032644**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **3165003**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **73503**, and if you desaturate by 10%, it is **466719**.

Distribution



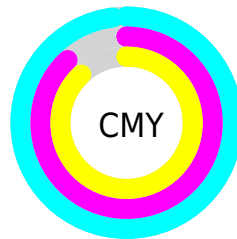
- Red (2%)
- Green (12%)
- Blue (12%)



- Red (2%)
- Yellow (7%)
- Blue (12%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (88%)



- Cyan (98%)
- Magenta (88%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 270111 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 Decimal color 270111 by changing the saturation by 10% instead.

■ 270111

■ 270111

■ 15138815

■ 7

■ 3165003

■ 0

■ 4744034

■ 6323323

■ 7968405

■ 9679024

■ 11455691

■ 13232359

■ 270111

■ 270111

■ 73503

■ 466719

■ 7967

■ 663327

■ 859935

■ 1056543

■ 1318687

■ 1515295

■ 1711903

■ 1908511

■ 2105119

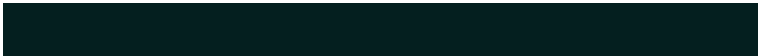
Harmonies

Analogous

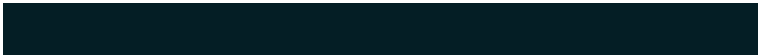
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



728856



270111



269861

Triad

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



270111



2168869



2300427

Complementary

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



270111



2032644

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.



2627344



270111



2561567

Square

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



270111



1514025



2692631



1842187

Rectangle

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



270111



531752



2692631



2431244

Sweetspot

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



270111



1976617



270084



922644



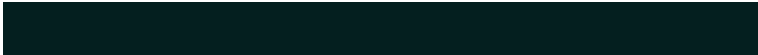
9737364



1315860

Same Dimension

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



270111



10537



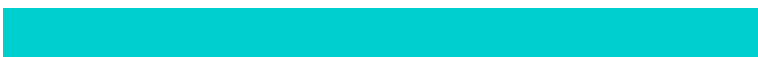
266527



921359



20303



53199

Inverse Universe

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



2032671



2687017



2035972



986639



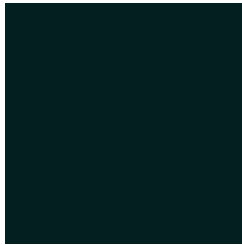
5177423



13566159

Previews

White Background



This preview shows how the Decimal color 270111 looks on a white background.

Color Contrast Check

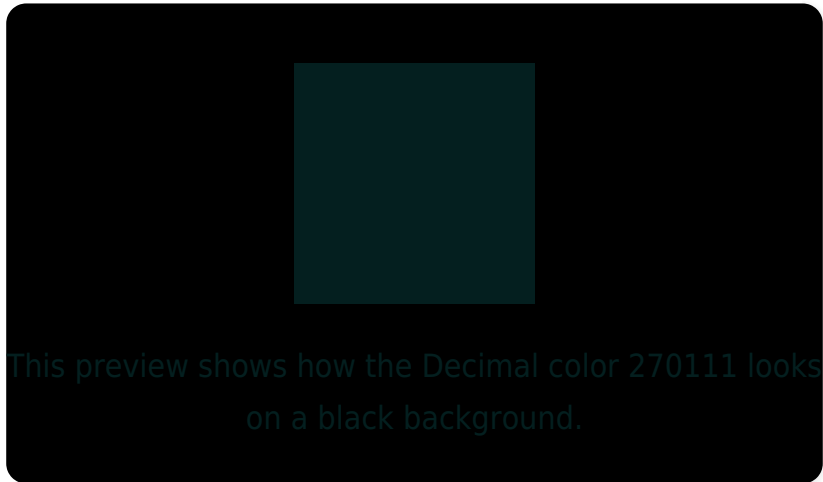
Large Text (above 18pt) WCAG AA ✓ Pass

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

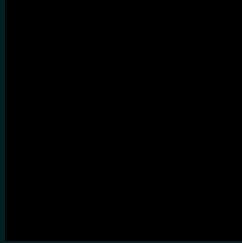
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

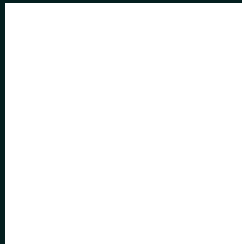
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 270111 Background



This preview shows how black text looks on a background with the Decimal color 270111.



This preview shows how white text looks on a background with the Decimal color 270111.

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
270111

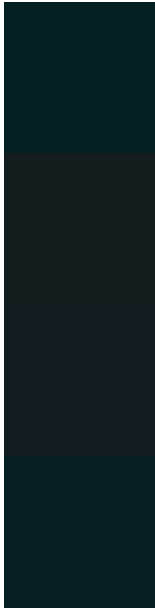
Protanopia
1842205

Deuteranopia
1841952



Tritanopia
466721

Trichromacy



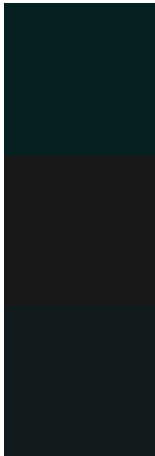
Original Color
270111

Protanomaly
1252638

Deuteranomaly
1252384

Tritanomaly
401184

Monochromacy



Original Color
270111

Achromatopsia
1513239

Achromatomaly
1055258

CSS Examples

Text

The CSS property to change the color of the text to Decimal 270111 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 #041F1F looks like.

```
.text, #text, p{  
  color:#041F1F  
}
```

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 #041F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #041F1F
}
```

Border

The CSS property to change the border of an element to Decimal 270111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

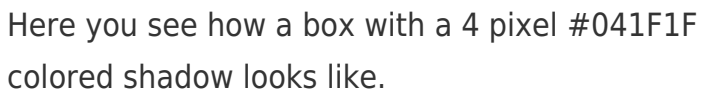
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#041F1F }
```

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

```
.border{ border-color:#041F1F }
```

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



Here you see how a box with a 4 pixel #041F1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #041F1F; -webkit-box-shadow:4px 4px  
4px 4px #041F1F; box-shadow:4px 4px 4px  
4px #041F1F }
```

Background

The CSS property to change the background color of an element to Decimal 270111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#041F1F }
```

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

```
.background{ background-color:#041F1F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor