

Converting Colors

Decimal(8475)

Have a look what the booklet for
Decimal(8475) contains.

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Color

Decimal(8475)

Conversions

Conversions Part 1

Format	Color
Hex	00211B
RGB	0, 33, 27
RGB Percent	0%, 13%, 11%
CMY	1.0000, 0.8706, 0.8941
CMYK	1.00, 0.00, 0.18, 0.87
HSL	169°, 100%, 6%
HSV	169°, 100%, 13%
XYZ	0.7417, 1.1668, 1.2230
YIQ	22.4490, -17.7420, -8.8620

Conversions

Conversions Part 2

Format	Color
RYB	0, 18, 33
Decimal	8475
CIELab	10.31, -14.06, 0.57
CIELCh	10, 14.071, 177.670
Yxy	1.1668, 0.2368, 0.3726
Android (android.graphics.Color)	4278198555 (0xFF00211B)
YUV	22.4490, 2.2436, -19.6878
Hunter-Lab	10.8021, -6.6475, 0.8484

Details

The Decimal color **8475** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2162694**, and the grayscale version is **1447446**.

A 20% lighter version of the original color is **2968902**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **8475**, and if you desaturate by 10%, it is **205084**.

Distribution



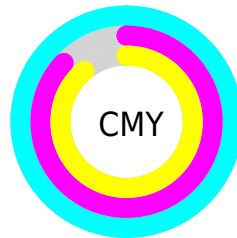
- Red (0%)
- Green (13%)
- Blue (11%)



- Red (0%)
- Yellow (7%)
- Blue (13%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (87%)



- Cyan (100%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8475 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 8475 by changing the saturation by 10% instead.



8475



8475



14876670



512



2968902



0



4482654



6061942



7707024



9417642



11194310



13036514



8475

■ 205084

■ 467228

■ 663837

■ 860445

■ 1122590

■ 1319199

■ 1515807

■ 1712416

■ 1974560

Harmonies

Analogous

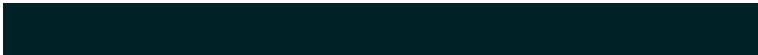
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



925713



8475



8485

Triad

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



8475



1841709



2758665

Complementary

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



8475



2162694

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.



3020052



8475



2561574

Square

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



8475



728367



2954269



2366211

Rectangle

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



8475



8234



2954269



2889485

Sweetspot

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



8475



1977129



401664



988949



9868950



1513239

Same Dimension

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



8475



11043



5921



921359



20289



53161

Inverse Universe

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



2162694



2818056



2165248



986638



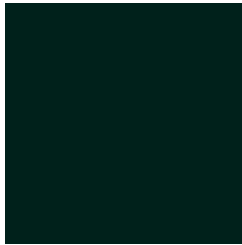
5177358



13565990

Previews

White Background



This preview shows how the Decimal color 8475 looks on a white background.

Color Contrast Check

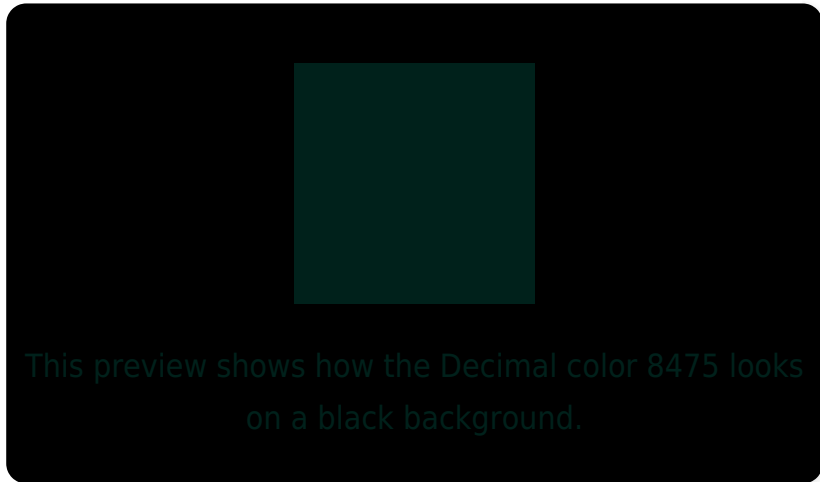
Large Text (above 18pt) WCAG AA ✓ Pass

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

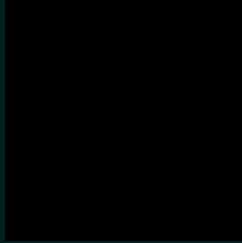
Any Text WCAG AA × Fail

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 8475 Background



This preview shows how black text looks on a background with the Decimal color 8475.



This preview shows how white text looks on a background with the Decimal color 8475.

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
8475

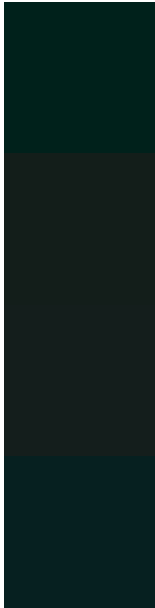
Protanopia
1973529

Deuteranopia
2104348



Tritanopia
663587

Trichromacy



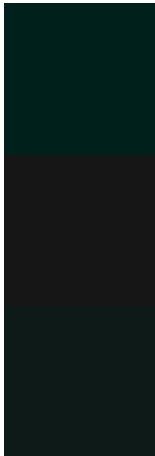
Original Color
8475

Protanomaly
1252890

Deuteranomaly
1318428

Tritanomaly
401440

Monochromacy



Original Color
8475

Achromatopsia
1447446

Achromatomaly
924184

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8475 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 #00211B looks like.

```
.text, #text, p{  
    color:#00211B  
}
```

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 #00211B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00211B
}
```

Border

The CSS property to change the border of an element to Decimal 8475 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
#00211B }
```

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

```
.border{ border-color:#00211B }
```

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

Here you see how a box with a 4 pixel #00211B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00211B; -webkit-box-shadow:4px 4px  
4px 4px #00211B; box-shadow:4px 4px 4px  
4px #00211B }
```

Background

The CSS property to change the background color of an element to Decimal 8475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00211B }
```

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

```
.background{ background-color:#00211B }
```

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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