

Converting Colors

Decimal(8746)

Have a look what the booklet for
Decimal(8746) contains.

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Color

Decimal(8746)

Conversions

Conversions Part 1

Format	Color
Hex	00222A
RGB	0, 34, 42
RGB Percent	0%, 13%, 16%
CMY	1.0000, 0.8667, 0.8353
CMYK	1.00, 0.19, 0.00, 0.84
HSL	191°, 100%, 8%
HSV	191°, 100%, 16%
XYZ	0.9899, 1.3112, 2.3914
YIQ	24.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

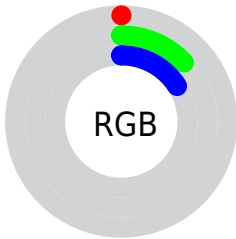
Format	Color
RYB	0, 19, 42
Decimal	8746
CIELab	11.35, -8.71, -8.85
CIELCh	11, 12.416, 225.446
Yxy	1.3112, 0.2110, 0.2794
Android (android.graphics.Color)	4278198826 (0xFF00222A)
YUV	24.7460, 8.5062, -21.7022
Hunter-Lab	11.4509, -4.6074, -4.3665

Details

The Decimal color **8746** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2754560**, and the grayscale version is **1644825**.

A 20% lighter version of the original color is **3100247**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **8746**, and if you desaturate by 10%, it is **271146**.

Distribution



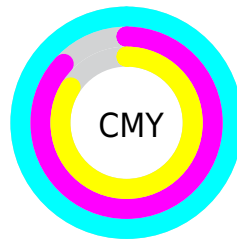
- Red (0%)
- Green (13%)
- Blue (16%)



- Red (0%)
- Yellow (7%)
- Blue (16%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8746 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 8746 by changing the saturation by 10% instead.



8746



8746



15204351



2582



3100247



0



4679280



6324105



7969187



9745598



11522266



13298935



8746

■ 271146

■ 533546

■ 861226

■ 1123626

■ 1386026

■ 1648426

■ 1910826

■ 2238506

■ 2500906

Harmonies

Analogous

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



74530



8746



663598

Triad

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



8746



2889763



2105100

Complementary

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



8746



2754560

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.



2628620



8746



3086362

Square

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



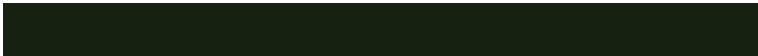
8746



2431530



2955538



1450258

Rectangle

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



8746



1318703



2955538



2301451

Sweetspot

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



8746



2437686



10760



1186332



10263708



1842204

Same Dimension

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



8746



11062



3370



1184788



17492



43988

Inverse Universe

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



2752546



3538987



2759936



1315348



5505092



13893803

Previews

White Background



This preview shows how the Decimal color 8746 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

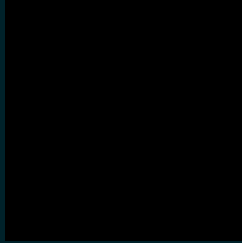
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

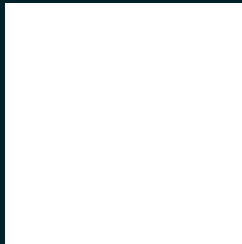
Any Text WCAG AAA × Fail

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

Decimal 8746 Background



This preview shows how black text looks on a background with the Decimal color 8746.



This preview shows how white text looks on a background with the Decimal color 8746.

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
8746

Protanopia
1908520

Deuteranopia
1777451

Trichromacy



Original Color
8746

Protanomaly
1187881

Deuteranomaly
1122347

Tritanomaly
8999

Monochromacy



Original Color
8746

Achromatopsia
1644825

Achromatomaly
1055775

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8746 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 #00222A looks like.

```
.text, #text, p{  
    color:#00222A  
}
```

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 #00222A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00222A
}
```

Border

The CSS property to change the border of an element to Decimal 8746 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
#00222A }
```

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

```
.border{ border-color:#00222A }
```

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

Here you see how a box with a 4 pixel #00222A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00222A; -webkit-box-shadow:4px 4px  
4px 4px #00222A; box-shadow:4px 4px 4px  
4px #00222A }
```

Background

The CSS property to change the background color of an element to Decimal 8746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00222A }
```

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

```
.background{ background-color:#00222A }
```

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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