

Converting Colors

Decimal(8747)

Have a look what the booklet for
Decimal(8747) contains.

Decimal(8747)	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(8747)

Conversions

Conversions Part 1

Format	Color
Hex	00222B
RGB	0, 34, 43
RGB Percent	0%, 13%, 17%
CMY	1.0000, 0.8667, 0.8314
CMYK	1.00, 0.21, 0.00, 0.83
HSL	193°, 100%, 8%
HSV	193°, 100%, 17%
XYZ	1.0081, 1.3185, 2.4869
YIQ	24.8600, -23.1530, -4.4090

Conversions

Conversions Part 2

Format	Color
RYB	0, 19, 43
Decimal	8747
CIELab	11.40, -8.27, -9.50
CIELCh	11, 12.590, 228.964
Yxy	1.3185, 0.2094, 0.2739
Android (android.graphics.Color)	4278198827 (0xFF00222B)
YUV	24.8600, 8.9430, -21.8022
Hunter-Lab	11.4825, -4.4234, -4.8032

Details

The Decimal color **8747** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2820352**, and the grayscale version is **1644825**.

A 20% lighter version of the original color is **3165784**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **8747**, and if you desaturate by 10%, it is **271147**.

Distribution



- Red (0%)
- Green (13%)
- Blue (17%)



- Red (0%)
- Yellow (7%)
- Blue (17%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (83%)



- Cyan (100%)
- Magenta (87%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8747 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 8747 by changing the saturation by 10% instead.



8747



8747



15204351



2839



3165784



0



4744817



6324106



8034725



9745600



11522268



13364472



8747

■ 271147

■ 599083

■ 861483

■ 1123883

■ 1451819

■ 1713963

■ 1976363

■ 2238763

■ 2566699

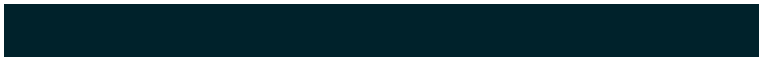
Harmonies

Analogous

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



8996



8747



794671

Triad

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



8747



2955298



2039564

Complementary

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



8747



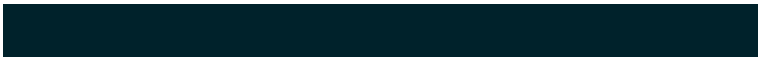
2820352

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.



2563339



8747



3086361

Square

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



8747



2497066



2955793



1384978

Rectangle

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



8747



1449519



2955793



2236171

Sweetspot

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



8747



2569528



11017



1186332



10263708



1842204

Same Dimension

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



8747



11320



3371



1184788



17236



42964

Inverse Universe

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



2818082



3670060



2825728



1315348



5505091



13893799

Previews

White Background



This preview shows how the Decimal color 8747 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

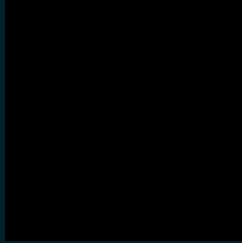
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

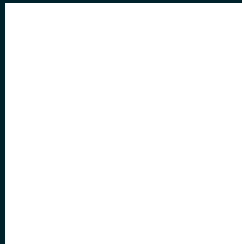
Any Text WCAG AAA × Fail

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

Decimal 8747 Background



This preview shows how black text looks on a background with the Decimal color 8747.



This preview shows how white text looks on a background with the Decimal color 8747.

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
8747

Protanopia
1908521

Deuteranopia
1777452

Trichromacy



Original Color
8747

Protanomaly
1187882

Deuteranomaly
1122348

Tritanomaly
8999

Monochromacy



Original Color
8747

Achromatopsia
1644825

Achromatomaly
1055776

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8747 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 #00222B looks like.

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

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 #00222B colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 8747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

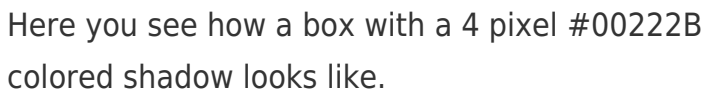
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00222B }
```

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

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

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



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

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

Background

The CSS property to change the background color of an element to Decimal 8747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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