

Converting Colors

Decimal(11312)

Have a look what the booklet for
Decimal(11312) contains.

Decimal(11312)	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(11312)

Conversions

Conversions Part 1

Format	Color
Hex	002C30
RGB	0, 44, 48
RGB Percent	0%, 17%, 19%
CMY	1.0000, 0.8275, 0.8118
CMYK	1.00, 0.08, 0.00, 0.81
HSL	185°, 100%, 9%
HSV	185°, 100%, 19%
XYZ	1.4342, 2.0148, 3.1096
YIQ	31.3000, -27.5080, -8.0840

Conversions

Conversions Part 2

Format	Color
RYB	0, 23, 48
Decimal	11312
CIELab	15.56, -12.50, -6.71
CIELCh	16, 14.187, 208.234
Yxy	2.0148, 0.2187, 0.3072
Android (android.graphics.Color)	4278201392 (0xFF002C30)
YUV	31.3000, 8.2331, -27.4501
Hunter-Lab	14.1942, -6.8043, -3.0530

Details

The Decimal color **11312** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3146752**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **3365470**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **11312**, and if you desaturate by 10%, it is **338992**.

Distribution



- Red (0%)
- Green (17%)
- Blue (19%)



- Red (0%)
- Yellow (9%)
- Blue (19%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (81%)



- Cyan (100%)
- Magenta (83%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11312 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 11312 by changing the saturation by 10% instead.



11312



11312



15532031



6171



3365470



0



4944503



6589584



8300203



10076870



11853282



13695743



11312

■ 338992

■ 666928

■ 929072

■ 1257008

■ 1584688

■ 1912368

■ 2240304

■ 2502448

■ 2830384

Harmonies

Analogous

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



666662



11312



338744

Triad

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



11312



3350834



3024403

Complementary

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



11312



3146752

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.



3547926



11312



3743528

Square

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



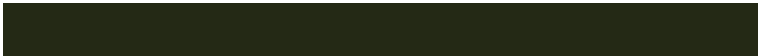
11312



2565177



3809310



2369813

Rectangle

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



11312



1124666



3809310



3220755

Sweetspot

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



11312



2833469



12292



1318431



10395294



2039583

Same Dimension

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



11312



14397



5168



1382167



20311



50390

Inverse Universe

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



3145772



3997752



3152896



1512727



5701711



14024900

Previews

White Background



This preview shows how the Decimal color 11312 looks on a white background.

Color Contrast Check

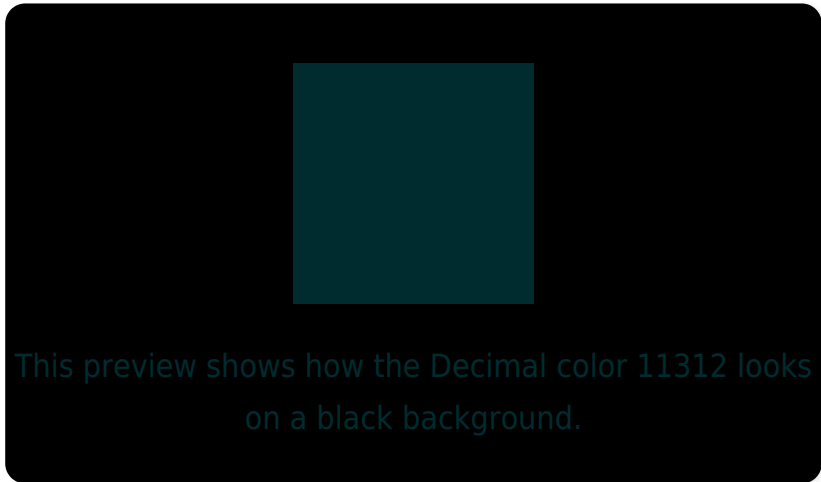
Large Text (above 18pt) WCAG AA ✓ Pass

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

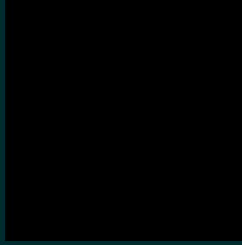
Any Text WCAG AA × Fail

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 11312 Background



This preview shows how black text looks on a background with the Decimal color 11312.



This preview shows how white text looks on a background with the Decimal color 11312.

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

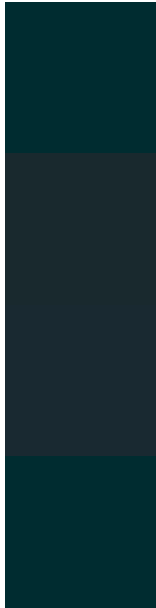


Original Color
11312

Protanopia
2565933

Deuteranopia
2565937

Trichromacy



Original Color
11312

Protanomaly
1648942

Deuteranomaly
1648945

Tritanomaly
11312

Monochromacy



Original Color
11312

Achromatopsia
2039583

Achromatomaly
1319973

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11312 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 #002C30 looks like.

```
.text, #text, p{  
    color:#002C30  
}
```

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 #002C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002C30
}
```

Border

The CSS property to change the border of an element to Decimal 11312 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
#002C30 }
```

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

```
.border{ border-color:#002C30 }
```

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

Here you see how a box with a 4 pixel #002C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002C30; -webkit-box-shadow:4px 4px  
4px 4px #002C30; box-shadow:4px 4px 4px  
4px #002C30 }
```

Background

The CSS property to change the background color of an element to Decimal 11312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002C30 }
```

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

```
.background{ background-color:#002C30 }
```

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