

Converting Colors

Decimal(13100)

Have a look what the booklet for
Decimal(13100) contains.

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Color

Decimal(13100)

Conversions

Conversions Part 1

Format	Color
Hex	00332C
RGB	0, 51, 44
RGB Percent	0%, 20%, 17%
CMY	1.0000, 0.8000, 0.8275
CMYK	1.00, 0.00, 0.14, 0.80
HSL	172°, 100%, 10%
HSV	172°, 100%, 20%
XYZ	1.6384, 2.5495, 2.7886
YIQ	34.9530, -28.1490, -12.9890

Conversions

Conversions Part 2

Format	Color
RYB	0, 27, 51
Decimal	13100
CIELab	18.14, -18.00, -0.09
CIELCh	18, 17.998, 180.284
Yxy	2.5495, 0.2349, 0.3654
Android (android.graphics.Color)	4278203180 (0xFF00332C)
YUV	34.9530, 4.4602, -30.6538
Hunter-Lab	15.9672, -9.6260, 0.8222

Details

The Decimal color **13100** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3342343**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **3433049**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **13100**, and if you desaturate by 10%, it is **340781**.

Distribution



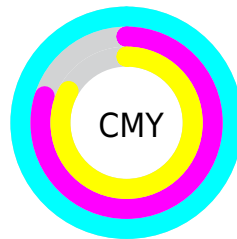
- Red (0%)
- Green (20%)
- Blue (17%)



- Red (0%)
- Yellow (11%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13100 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 13100 by changing the saturation by 10% instead.

■ 13100 ■ 13100

■ 15663103 ■ 7703

■ 3433049 ■ 0

■ 5077874

■ 6722955

■ 8433830

■ 10144705

■ 11986909

■ 13828089

■ 13100

■ 340781

■ 668461

■ 996142

■ 1323823

■ 1717040

■ 2044720

■ 2372401

■ 2700082

■ 3027762

Harmonies

Analogous

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



1520159



13100



13113

Triad

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



13100



3025219



4138774

Complementary

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



13100



3342343

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.



4465440



13100



4006969

Square

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



13100



1519174



4465197



3419154

Rectangle

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



13100



12864



4465197



4269337

Sweetspot

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



13100



3031616



537344



1384736



10592673



2171169

Same Dimension

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



13100



16953



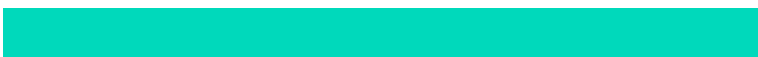
8499



1514009



22861



55739

Inverse Universe

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



3342343



4325385



3346944



1709847



5832716



14221342

Previews

White Background



This preview shows how the Decimal color 13100 looks on a white background.

Color Contrast Check

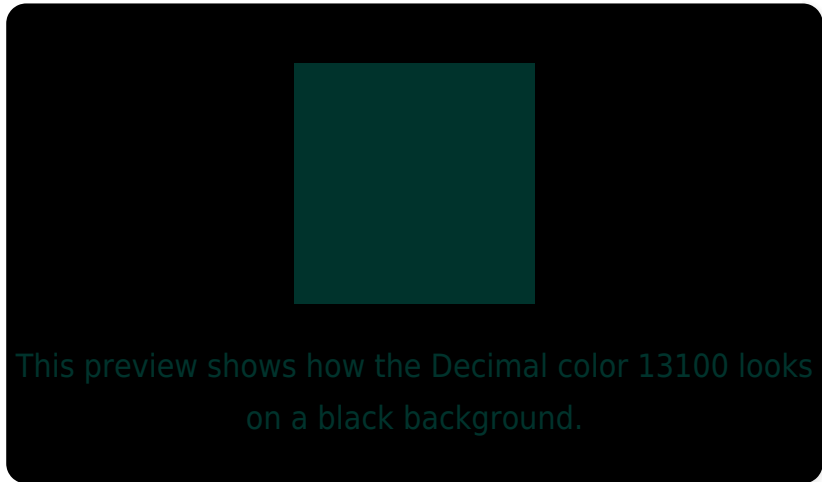
Large Text (above 18pt) WCAG AA ✓ Pass

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

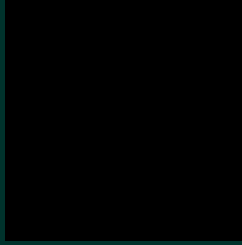
Any Text WCAG AA × Fail

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 13100 Background



This preview shows how black text looks on a background with the Decimal color 13100.



This preview shows how white text looks on a background with the Decimal color 13100.

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
13100

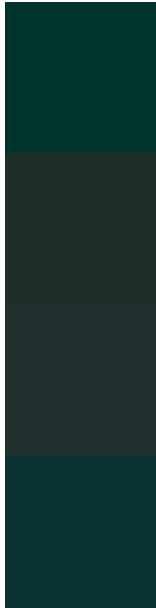
Protanopia
3091753

Deuteranopia
3222574



Tritanopia
930358

Trichromacy



Original Color
13100

Protanomaly
1978154

Deuteranomaly
2043693

Tritanomaly
602674

Monochromacy



Original Color
13100

Achromatopsia
2302755

Achromatomaly
1452326

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13100 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 #00332C looks like.

```
.text, #text, p{  
    color:#00332C  
}
```

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 #00332C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00332C
}
```

Border

The CSS property to change the border of an element to Decimal 13100 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".

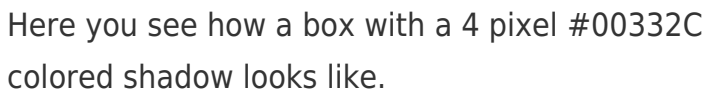
```
.border, #border, table{ border:4px solid
#00332C }
```

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

```
.border{ border-color:#00332C }
```

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

Here you see how a box with a 4 pixel #00332C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00332C; -webkit-box-shadow:4px 4px  
4px 4px #00332C; box-shadow:4px 4px 4px  
4px #00332C }
```

Background

The CSS property to change the background color of an element to Decimal 13100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00332C }
```

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

```
.background{ background-color:#00332C }
```

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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