

Converting Colors

Decimal(13105)

Have a look what the booklet for
Decimal(13105) contains.

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Color

Decimal(13105)

Conversions

Conversions Part 1

Format	Color
Hex	003331
RGB	0, 51, 49
RGB Percent	0%, 20%, 19%
CMY	1.0000, 0.8000, 0.8078
CMYK	1.00, 0.00, 0.04, 0.80
HSL	178°, 100%, 10%
HSV	178°, 100%, 20%
XYZ	1.7382, 2.5894, 3.3139
YIQ	35.5230, -29.7540, -11.4340

Conversions

Conversions Part 2

Format	Color
RYB	0, 26, 51
Decimal	13105
CIELab	18.32, -16.19, -3.27
CIELCh	18, 16.519, 191.434
Yxy	2.5894, 0.2275, 0.3389
Android (android.graphics.Color)	4278203185 (0xFF003331)
YUV	35.5230, 6.6442, -31.1537
Hunter-Lab	16.0916, -8.8789, -0.9461

Details

The Decimal color **13105** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3342338**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **3498591**, and **1** is the 20% darker color. If you saturate the color by 10%, you get **13105**, and if you desaturate by 10%, it is **340785**.

Distribution



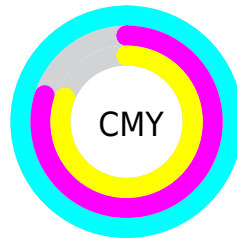
- Red (0%)
- Green (20%)
- Blue (19%)



- Red (0%)
- Yellow (10%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13105 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 13105 by changing the saturation by 10% instead.

■ 13105 ■ 13105

■ 15728639 ■ 7708

■ 3498591 ■ 1

■ 5143416 ■ 0

■ 6788497

■ 8499116

■ 10210247

■ 12052451

■ 13893631

■ 13105

■ 340785

■ 668465

■ 996146

■ 1323826

■ 1717042

■ 2044722

■ 2372402

■ 2700083

■ 3027763

Harmonies

Analogous

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



1258021



13105



12860

Triad

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



13105



3418175



3877142

Complementary

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



13105



3342338

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.



4334877



13105



4138037

Square

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



13105



2239556



4465449



3157269

Rectangle

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



13105



143681



4465449



4007960

Sweetspot

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



13105



3031618



209664



1384737



10592673



2171169

Same Dimension

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



13105



16960



7219



1514009



22870



55760

Inverse Universe

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



3342338



4325379



3348224



1709847



5832708



14221321

Previews

White Background



This preview shows how the Decimal color 13105 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

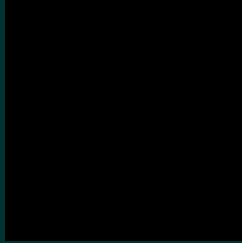
Any Text WCAG AA × Fail

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 13105 Background



This preview shows how black text looks on a background with the Decimal color 13105.



This preview shows how white text looks on a background with the Decimal color 13105.

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
13105

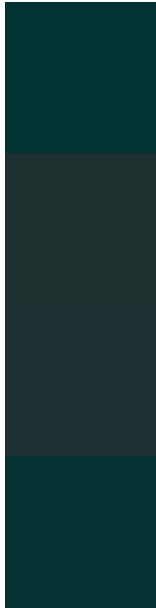
Protanopia
3026221

Deuteranopia
3091507



Tritanopia
733750

Trichromacy



Original Color
13105

Protanomaly
1912622

Deuteranomaly
1978162

Tritanomaly
471604

Monochromacy



Original Color
13105

Achromatopsia
2368548

Achromatomaly
1517865

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13105 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 #003331 looks like.

```
.text, #text, p{  
    color:#003331  
}
```

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 #003331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003331
}
```

Border

The CSS property to change the border of an element to Decimal 13105 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
#003331 }
```

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

```
.border{ border-color:#003331 }
```

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

Here you see how a box with a 4 pixel #003331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003331; -webkit-box-shadow:4px 4px  
4px 4px #003331; box-shadow:4px 4px 4px  
4px #003331 }
```

Background

The CSS property to change the background color of an element to Decimal 13105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003331 }
```

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

```
.background{ background-color:#003331 }
```

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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