

Converting Colors

Decimal(1331785)

Have a look what the booklet for
Decimal(1331785) contains.

Decimal(1331785)	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(1331785)

Conversions

Conversions Part 1

Format	Color
Hex	145249
RGB	20, 82, 73
RGB Percent	8%, 32%, 29%
CMY	0.9216, 0.6784, 0.7137
CMYK	0.76, 0.00, 0.11, 0.68
HSL	171°, 61%, 20%
HSV	171°, 76%, 32%
XYZ	4.5084, 6.6643, 7.3521
YIQ	62.4360, -34.0630, -15.9430

Conversions

Conversions Part 2

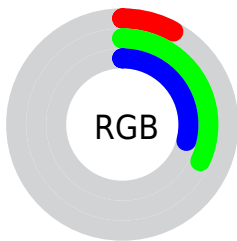
Format	Color
R_{YB}	20, 53, 82
Decimal	1331785
CIE _{Lab}	31.03, -21.72, -0.35
CIE _{LCh}	31, 21.725, 180.936
Yxy	6.6643, 0.2434, 0.3598
Android (android.graphics.Color)	4279521865 (0xFF145249)
YUV	62.4360, 5.2081, -37.2164
Hunter-Lab	25.8154, -14.0038, 1.1854

Details

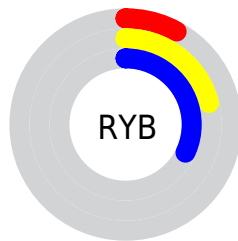
The Decimal color **1331785** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5379101**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **4883577**, and **9502** is the 20% darker color. If you saturate the color by 10%, you get **807496**, and if you desaturate by 10%, it is **1856074**.

Distribution



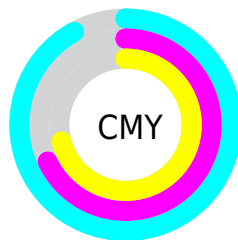
- Red (8%)
- Green (32%)
- Blue (29%)



- Red (8%)
- Yellow (21%)
- Blue (32%)



- Cyan (76%)
- Magenta (0%)
- Yellow (11%)
- Black (68%)



- Cyan (92%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1331785 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 1331785 by changing the saturation by 10% instead.

■ 1331785

■ 1331785

16777215

■ 15155

■ 4883577

■ 9502

■ 6528659

■ 1796

■ 8305070

■ 0

■ 10081737

■ 11858405

■ 13697023

■ 15597567

■ 1331785

■ 1331785

■ 807496

■ 1856074

■ 283207

■ 2380363

■ 21062

■ 2970189

■ 3494478

■ 4018767

■ 4543056

■ 5067345

■ 5657171

■ 6181460

Harmonies

Analogous

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



2969912



1331785



21082

Triad

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



1331785



4998246



6373932

Complementary

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



1331785



5379101

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.



6896952



1331785



6242138

Square

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



1331785



3230571



6896713



5457959

Rectangle

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



1331785



86115



6896713



6635567

Sweetspot

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



1331785



5401448



1921556



2569779



11908533



3552822

Same Dimension

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



1331785



682845



1326162



2435368



26969



59590

Inverse Universe

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



5379101



7014936



5384724



2696485



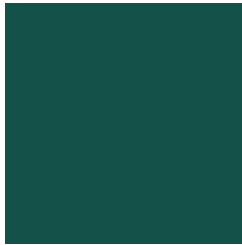
6881295



15204386

Previews

White Background



This preview shows how the Decimal color 1331785 looks on a white background.

Color Contrast Check

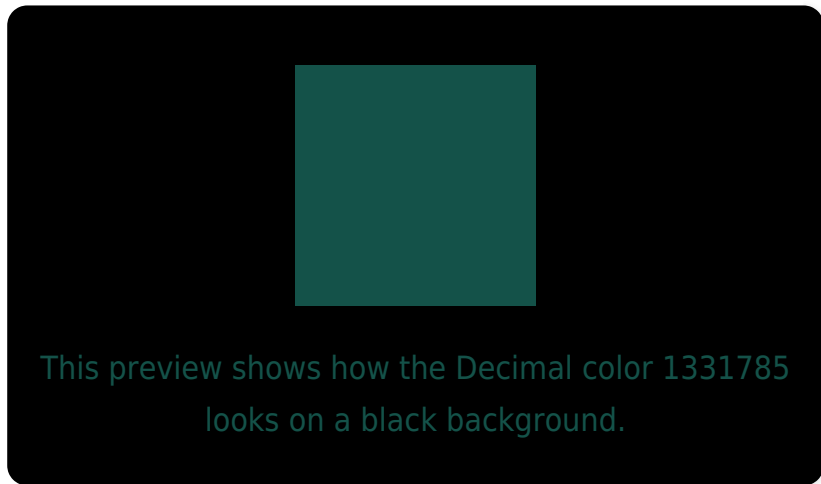
Large Text (above 18pt) WCAG AA ✓ Pass

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

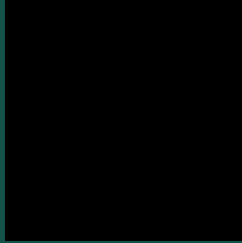
Any Text WCAG AA × Fail

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 1331785 Background



This preview shows how black text looks on a background with the Decimal color 1331785.



This preview shows how white text looks on a background with the Decimal color 1331785.

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](#).

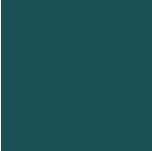
Dichromacy



Original Color
1331785

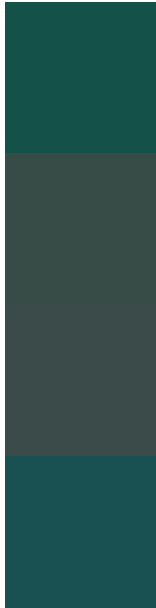
Protanopia
4933956

Deuteranopia
5195595



Tritanopia
1855575

Trichromacy



Original Color
1331785

Protanomaly
3624006

Deuteranomaly
3820362

Tritanomaly
1659218

Monochromacy



Original Color
1331785

Achromatopsia
4079166

Achromatomaly
3097922

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1331785 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 #145249 looks like.

```
.text, #text, p{  
  color:#145249  
}
```

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 #145249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145249
}
```

Border

The CSS property to change the border of an element to Decimal 1331785 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".

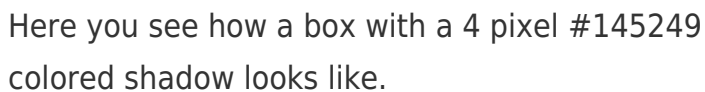
```
.border, #border, table{ border:4px solid
#145249 }
```

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

```
.border{ border-color:#145249 }
```

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

Here you see how a box with a 4 pixel #145249 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145249; -webkit-box-shadow:4px 4px  
4px 4px #145249; box-shadow:4px 4px 4px  
4px #145249 }
```

Background

The CSS property to change the background color of an element to Decimal 1331785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145249 }
```

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

```
.background{ background-color:#145249 }
```

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