

Converting Colors

Decimal(1261381)

Have a look what the booklet for
Decimal(1261381) contains.

Decimal(1261381)	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(1261381)

Conversions

Conversions Part 1

Format	Color
Hex	133F45
RGB	19, 63, 69
RGB Percent	7%, 25%, 27%
CMY	0.9255, 0.7529, 0.7294
CMYK	0.72, 0.09, 0.00, 0.73
HSL	187°, 57%, 17%
HSV	187°, 72%, 27%
XYZ	3.1202, 4.1231, 6.2616
YIQ	50.5280, -28.1500, -7.4620

Conversions

Conversions Part 2

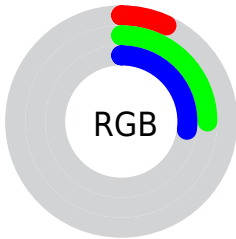
Format	Color
RYB	19, 42, 69
Decimal	1261381
CIELab	24.07, -12.64, -8.10
CIELCh	24, 15.012, 212.674
Yxy	4.1231, 0.2310, 0.3053
Android (android.graphics.Color)	4279451461 (0xFF133F45)
YUV	50.5280, 9.1067, -27.6501
Hunter-Lab	20.3055, -8.1054, -4.0694

Details

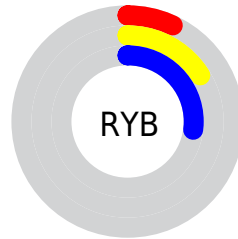
The Decimal color **1261381** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4528403**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **4550517**, and **5402** is the 20% darker color. If you saturate the color by 10%, you get **802373**, and if you desaturate by 10%, it is **1720389**.

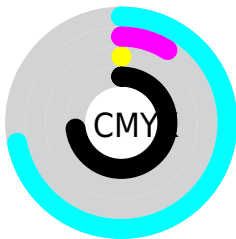
Distribution



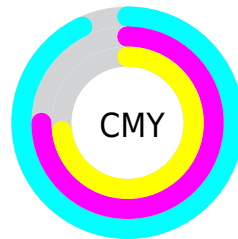
- Red (7%)
- Green (25%)
- Blue (27%)



- Red (7%)
- Yellow (16%)
- Blue (27%)



- Cyan (72%)
- Magenta (9%)
- Yellow (0%)
- Black (73%)



- Cyan (93%)
- Magenta (75%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1261381 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 1261381 by changing the saturation by 10% instead.

■ 1261381

■ 1261381

16777215

■ 10543

■ 4550517

■ 5402

■ 6195343

■ 0

■ 7906217

■ 9682628

■ 11459040

■ 13301501

■ 15138815

■ 1261381

■ 1261381

■ 802373

■ 1720389

■ 343365

■ 2179397

■ 15685

■ 2638149

■ 3097157

■ 3556165

■ 3949637

■ 4408645

■ 4867653

■ 5326405

Harmonies

Analogous

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



1720122



1261381



1785165

Triad

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



1261381



4731460



4208931

Complementary

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



1261381



4528403

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.



4863270



1261381



5189945

Square

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



1261381



3946060



5190190



3423270

Rectangle

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



1261381



2505551



5190190



4470819

Sweetspot

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



1261381



4609881



1262873



2239534



11382189



3026478

Same Dimension

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



1261381



807001



1254981



2106148



22627



51427

Inverse Universe

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



4526911



5835856



4534803



2367523



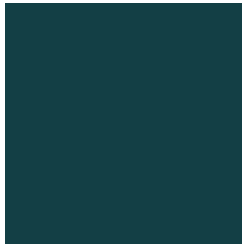
6488152



14876872

Previews

White Background



This preview shows how the Decimal color 1261381 looks on a white background.

Color Contrast Check

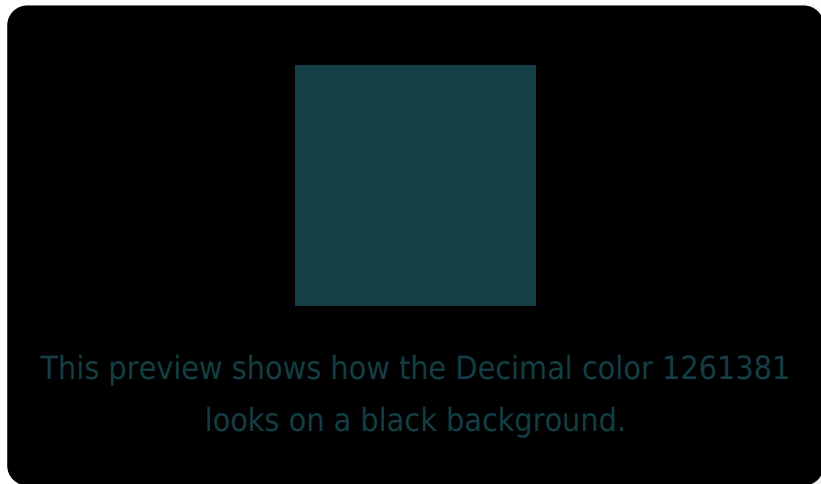
Large Text (above 18pt) WCAG AA ✓ Pass

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

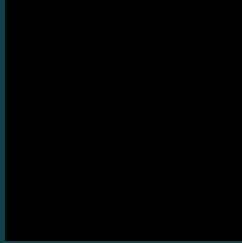
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

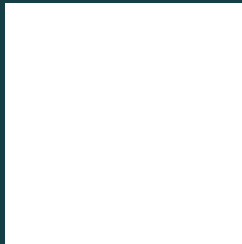
Any Text WCAG AAA × Fail

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

Decimal 1261381 Background



This preview shows how black text looks on a background with the Decimal color 1261381.



This preview shows how white text looks on a background with the Decimal color 1261381.

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](#).

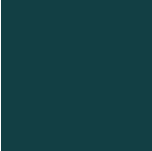
Dichromacy



Original Color
1261381

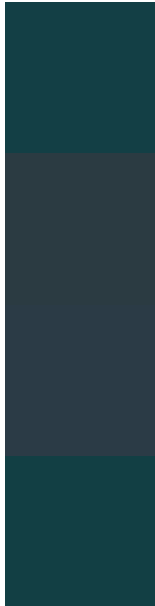
Protanopia
3684673

Deuteranopia
3684423



Tritanopia
1195844

Trichromacy



Original Color
1261381

Protanomaly
2833218

Deuteranomaly
2833222

Tritanomaly
1195844

Monochromacy



Original Color
1261381

Achromatopsia
3355443

Achromatomaly
2570042

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1261381 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 #133F45 looks like.

```
.text, #text, p{  
    color:#133F45  
}
```

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 #133F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133F45
}
```

Border

The CSS property to change the border of an element to Decimal 1261381 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
#133F45 }
```

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

```
.border{ border-color:#133F45 }
```

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

Here you see how a box with a 4 pixel #133F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133F45; -webkit-box-shadow:4px 4px  
4px 4px #133F45; box-shadow:4px 4px 4px  
4px #133F45 }
```

Background

The CSS property to change the background color of an element to Decimal 1261381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133F45 }
```

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

```
.background{ background-color:#133F45 }
```

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