

Converting Colors

Decimal(15682)

Have a look what the booklet for
Decimal(15682) contains.

Decimal(15682)	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(15682)

Conversions

Conversions Part 1

Format	Color
Hex	003D42
RGB	0, 61, 66
RGB Percent	0%, 24%, 26%
CMY	1.0000, 0.7608, 0.7412
CMYK	1.00, 0.08, 0.00, 0.74
HSL	185°, 100%, 13%
HSV	185°, 100%, 26%
XYZ	2.6521, 3.7308, 5.7346
YIQ	43.3310, -37.9610, -11.3770

Conversions

Conversions Part 2

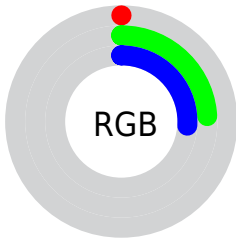
Format	Color
RYB	0, 32, 66
Decimal	15682
CIELab	22.76, -15.42, -8.14
CIELCh	23, 17.435, 207.829
Yxy	3.7308, 0.2189, 0.3079
Android (android.graphics.Color)	4278205762 (0xFF003D42)
YUV	43.3310, 11.1758, -38.0013
Hunter-Lab	19.3154, -9.2928, -4.0820

Details

The Decimal color **15682** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4326656**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **3829106**, and **4632** is the 20% darker color. If you saturate the color by 10%, you get **15682**, and if you desaturate by 10%, it is **474690**.

Distribution



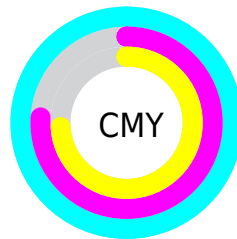
- Red (0%)
- Green (24%)
- Blue (26%)



- Red (0%)
- Yellow (13%)
- Blue (26%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (74%)



- Cyan (100%)
- Magenta (76%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15682 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 15682 by changing the saturation by 10% instead.

■ 15682 ■ 15682

■ 16318463 ■ 10028

■ 3829106 ■ 4632

■ 5539467 ■ 0

■ 7250086

■ 8960961

■ 10737629

■ 12580089

■ 14417919

■ 15682

■ 474690

■ 867906

■ 1326914

■ 1720130

■ 2179138

■ 2637890

■ 3031362

■ 3490114

■ 3883586

Harmonies

Analogous

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



1129781



15682



605004

Triad

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



15682



4599620



4207900

Complementary

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



15682



4326656

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.



4862241



15682



5123128

Square

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



15682



3552077



5188907



3291423

Rectangle

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



15682



1718607



5188907



4404253

Sweetspot

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



15682



4019543



16900



1845803



11250603



2829099

Same Dimension

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



15682



20567



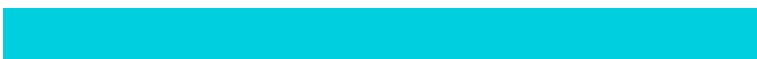
7490



1974561



23137



53216

Inverse Universe

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



4325437



5701712



4334848



2170401



6357082



14680271

Previews

White Background



This preview shows how the Decimal color 15682 looks on a white background.

Color Contrast Check

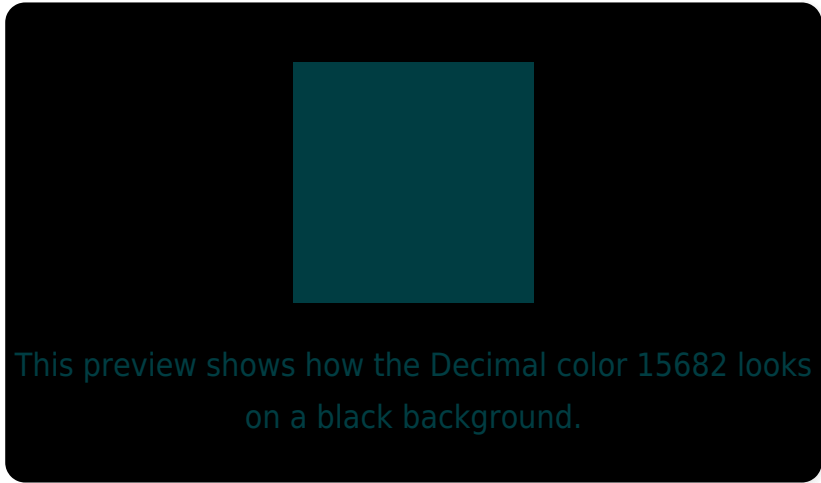
Large Text (above 18pt) WCAG AA ✓ Pass

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

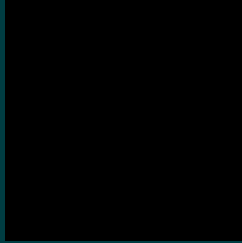
Any Text WCAG AA × Fail

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 15682 Background



This preview shows how black text looks on a background with the Decimal color 15682.

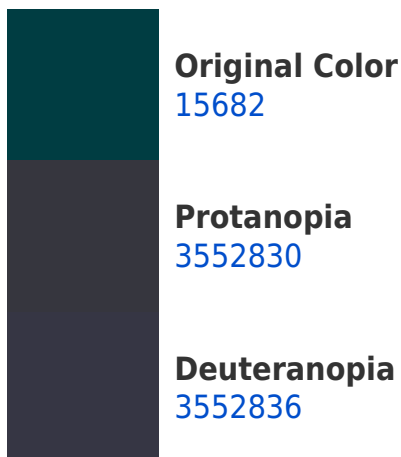


This preview shows how white text looks on a background with the Decimal color 15682.

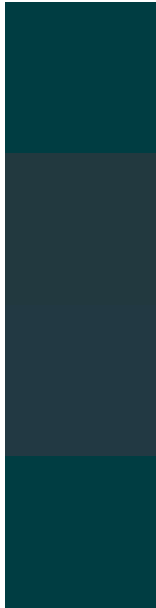
Color Blindness Simulation

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



Trichromacy



Original Color
15682

Protanomaly
2242879

Deuteranomaly
2242883

Tritanomaly
15682

Monochromacy



Original Color
15682

Achromatopsia
2829099

Achromatomaly
1782323

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15682 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 #003D42 looks like.

```
.text, #text, p{  
  color:#003D42  
}
```

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 #003D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003D42
}
```

Border

The CSS property to change the border of an element to Decimal 15682 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
#003D42 }
```

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

```
.border{ border-color:#003D42 }
```

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

Here you see how a box with a 4 pixel #003D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003D42; -webkit-box-shadow:4px 4px  
4px 4px #003D42; box-shadow:4px 4px 4px  
4px #003D42 }
```

Background

The CSS property to change the background color of an element to Decimal 15682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003D42 }
```

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

```
.background{ background-color:#003D42 }
```

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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