

Converting Colors

Decimal(12858)

Have a look what the booklet for
Decimal(12858) contains.

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Color

Decimal(12858)

Conversions

Conversions Part 1

Format	Color
Hex	00323A
RGB	0, 50, 58
RGB Percent	0%, 20%, 23%
CMY	1.0000, 0.8039, 0.7725
CMYK	1.00, 0.14, 0.00, 0.77
HSL	188°, 100%, 11%
HSV	188°, 100%, 23%
XYZ	1.9043, 2.5867, 4.4019
YIQ	35.9620, -32.3680, -8.1120

Conversions

Conversions Part 2

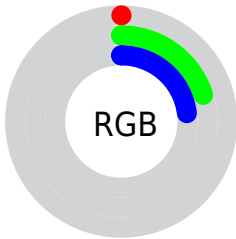
Format	Color
RYB	0, 27, 58
Decimal	12858
CIELab	18.31, -12.07, -9.49
CIELCh	18, 15.356, 218.185
Yxy	2.5867, 0.2141, 0.2909
Android (android.graphics.Color)	4278202938 (0xFF00323A)
YUV	35.9620, 10.8647, -31.5387
Hunter-Lab	16.0832, -7.0104, -4.9692

Details

The Decimal color **12858** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3803136**, and the grayscale version is **2368548**.

A 20% lighter version of the original color is **3563625**, and **271** is the 20% darker color. If you saturate the color by 10%, you get **12858**, and if you desaturate by 10%, it is **406330**.

Distribution



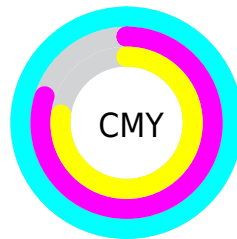
- Red (0%)
- Green (20%)
- Blue (23%)



- Red (0%)
- Yellow (11%)
- Blue (23%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (77%)




- Cyan (100%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12858 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 12858 by changing the saturation by 10% instead.

 12858  12858

 15925247  7460

 3563625  271

 5208450  0

 6919068

 8629943

 10406355

 12183023

 14024703

 12858

■ 406330

■ 799802

■ 1127482

■ 1520954

■ 1914426

■ 2307898

■ 2701370

■ 3029050

■ 3422522

Harmonies

Analogous

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



471855



12858



864321

Triad

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



12858



4007221



3222806

Complementary

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



12858



3803136

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.



3877144



12858



4334634

Square

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



12858



3287358



4269599



2437147

Rectangle

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



12858



1781315



4269599



3484694

Sweetspot

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



12858



3557709



14856



1582118



10921638



2500134

Same Dimension

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



12858



16973



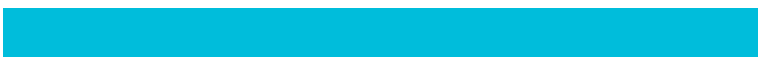
5434



1645596



20316



48603

Inverse Universe

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



3801138



5046338



3810560



1841436



6029391



14352573

Previews

White Background



This preview shows how the Decimal color 12858 looks on a white background.

Color Contrast Check

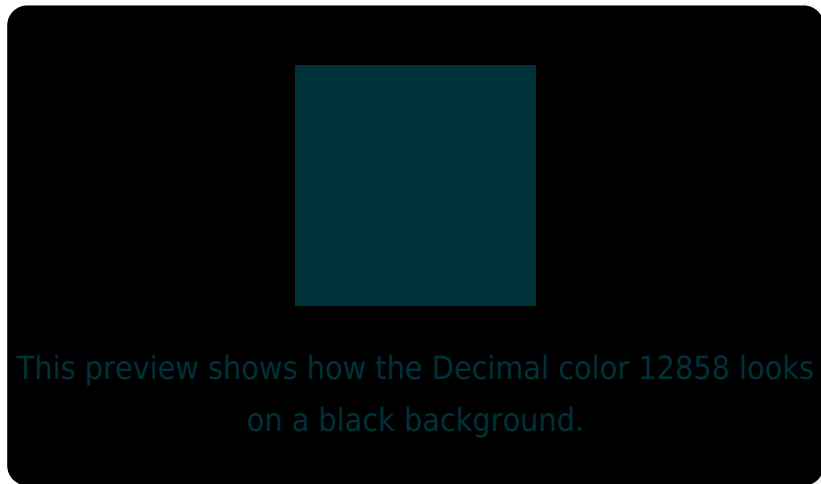
Large Text (above 18pt) WCAG AA ✓ Pass

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

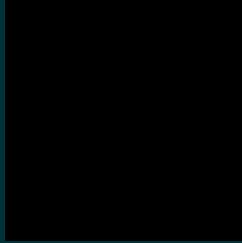
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

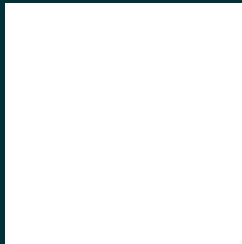
Any Text WCAG AAA × Fail

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

Decimal 12858 Background



This preview shows how black text looks on a background with the Decimal color 12858.



This preview shows how white text looks on a background with the Decimal color 12858.

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
12858

Protanopia
2829622

Deuteranopia
2764091

Trichromacy



Original Color
12858

Protanomaly
1781559

Deuteranomaly
1781563

Tritanomaly
12855

Monochromacy



Original Color
12858

Achromatopsia
2368548

Achromatomaly
1517868

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12858 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 #00323A looks like.

```
.text, #text, p{  
    color:#00323A  
}
```

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 #00323A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00323A
}
```

Border

The CSS property to change the border of an element to Decimal 12858 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
#00323A }
```

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

```
.border{ border-color:#00323A }
```

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

Here you see how a box with a 4 pixel #00323A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00323A; -webkit-box-shadow:4px 4px  
4px 4px #00323A; box-shadow:4px 4px 4px  
4px #00323A }
```

Background

The CSS property to change the background color of an element to Decimal 12858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00323A }
```

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

```
.background{ background-color:#00323A }
```

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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