

Converting Colors

Decimal(12879)

Have a look what the booklet for
Decimal(12879) contains.

Decimal(12879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(12879)

Conversions

Conversions Part 1

Format	Color
Hex	00324F
RGB	0, 50, 79
RGB Percent	0%, 20%, 31%
CMY	1.0000, 0.8039, 0.6902
CMYK	1.00, 0.37, 0.00, 0.69
HSL	202°, 100%, 15%
HSV	202°, 100%, 31%
XYZ	2.5519, 2.8457, 7.8119
YIQ	38.3560, -39.1090, -1.5810

Conversions

Conversions Part 2

Format	Color
RYB	0, 31, 79
Decimal	12879
CIELab	19.42, -2.93, -22.04
CIElCh	19, 22.239, 262.424
Yxy	2.8457, 0.1932, 0.2154
Android (android.graphics.Color)	4278202959 (0xFF00324F)
YUV	38.3560, 20.0375, -33.6382
Hunter-Lab	16.8693, -2.5187, -15.6479

Details

The Decimal color **12879** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5184768**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **3956864**, and **547** is the 20% darker color. If you saturate the color by 10%, you get **12879**, and if you desaturate by 10%, it is **537935**.

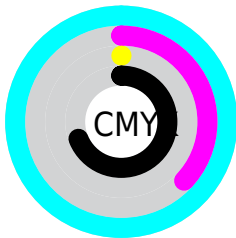
Distribution



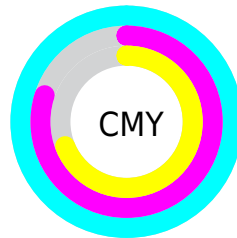
- Red (0%)
- Green (20%)
- Blue (31%)



- Red (0%)
- Yellow (12%)
- Blue (31%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12879 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 12879 by changing the saturation by 10% instead.

■ 12879 ■ 12879

■ 16515071 ■ 7480

■ 3956864 ■ 547

■ 5667226 ■ 9

■ 7377589 ■ 0

■ 9154001

■ 10930413

■ 12772607

■ 14614527

■ 12879

■ 537935

■ 1062991

■ 1588047

■ 2113103

■ 2638159

■ 3097423

■ 3622479

■ 4147535

■ 4672591

Harmonies

Analogous

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



13896



12879



2698317

Triad

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



12879



5055012



1651995

Complementary

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



12879



5184768

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.



2896400



12879



4663062

Square

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



12879



4923700



3943694



14122

Rectangle

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



12879



3745863



3943694



2110486

Sweetspot

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



12879



4676454



20253



2174003



11776947



3355443

Same Dimension

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



12879



16742



2895



2237734



37350

Inverse Universe

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



5177394



6684737



5194752



2499109



15073425

Previews

White Background



This preview shows how the Decimal color 12879 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

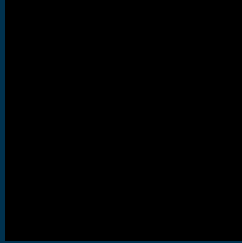
Any Text WCAG AA × Fail

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 12879 Background



This preview shows how black text looks on a background with the Decimal color 12879.



This preview shows how white text looks on a background with the Decimal color 12879.

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
12879

Protanopia
2436940

Deuteranopia
1781839

Trichromacy



Original Color
12879

Protanomaly
1585229

Deuteranomaly
1126735

Tritanomaly
13377

Monochromacy



Original Color
12879

Achromatopsia
2500134

Achromatomaly
1583669

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12879 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 #00324F looks like.

```
.text, #text, p{  
    color:#00324F  
}
```

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 #00324F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00324F
}
```

Border

The CSS property to change the border of an element to Decimal 12879 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
#00324F }
```

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

```
.border{ border-color:#00324F }
```

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

Here you see how a box with a 4 pixel #00324F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00324F; -webkit-box-shadow:4px 4px  
4px 4px #00324F; box-shadow:4px 4px 4px  
4px #00324F }
```

Background

The CSS property to change the background color of an element to Decimal 12879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00324F }
```

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

```
.background{ background-color:#00324F }
```

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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