

Converting Colors

Decimal(10040)

Have a look what the booklet for
Decimal(10040) contains.

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Color

Decimal(10040)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 002738 |
| RGB | 0, 39, 56 |
| RGB Percent | 0%, 15%, 22% |
| CMY | 1.0000, 0.8471, 0.7804 |
| CMYK | 1.00, 0.30, 0.00, 0.78 |
| HSL | 198°, 100%, 11% |
| HSV | 198°, 100%, 22% |
| XYZ | 1.4393, 1.7366, 4.0007 |
| YIQ | 29.2770, -28.7010, -2.9810 |

Conversions

Conversions Part 2

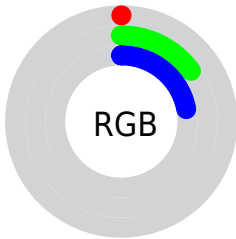
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 23, 56 |
| Decimal | 10040 |
| CIELab | 14.04, -5.78, -14.70 |
| CIELCh | 14, 15.793, 248.543 |
| Yxy | 1.7366, 0.2006, 0.2420 |
| Android (android.graphics.Color) | 4278200120 (0xFF002738) |
| YUV | 29.2770, 13.1744, -25.6759 |
| Hunter-Lab | 13.1779, -3.5649, -8.7755 |

Details

The Decimal color **10040** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3674368**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **3429479**, and **11** is the 20% darker color. If you saturate the color by 10%, you get **10040**, and if you desaturate by 10%, it is **403768**.

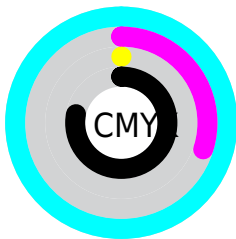
Distribution



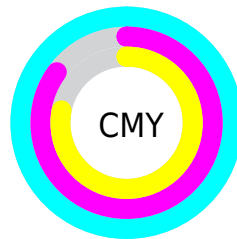
- Red (0%)
- Green (15%)
- Blue (22%)



- Red (0%)
- Yellow (9%)
- Blue (22%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10040 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 10040 by changing the saturation by 10% instead.

■ 10040 ■ 10040

■ 15663103 ■ 4899

■ 3429479 ■ 11

■ 5074048 ■ 0

■ 6718874

■ 8429493

■ 10140369

■ 11982573

■ 13824767

■ 10040

■ 403768

■ 731704

■ 1125432

■ 1453624

■ 1847352

■ 2240824

■ 2569016

■ 2962744

■ 3290680

Harmonies

Analogous

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



10545



10040



1582137

Triad

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



10040



3742497



1845010

Complementary

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



10040



3674368

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.



2630668



10040



3611926

Square

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



10040



3415084



3219470



862491

Rectangle

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



10040



2367799



3219470



2106895

Sweetspot

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



10040



3425098



14353



1581606



10921638



2500134

Same Dimension

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



10040



13386



2872



1645340



16476



39387

Inverse Universe

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



3670055



4849716



3681536



1841435



6029376



14352537

Previews

White Background



This preview shows how the Decimal color 10040 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

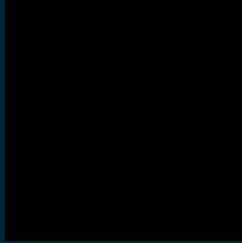
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

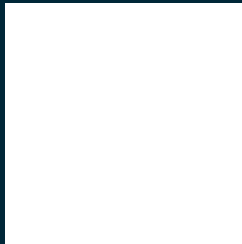
Any Text WCAG AAA × Fail

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

Decimal 10040 Background



This preview shows how black text looks on a background with the Decimal color 10040.



This preview shows how white text looks on a background with the Decimal color 10040.

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
10040

Protanopia
2040885

Deuteranopia
1713209



Tritanopia
10540

Trichromacy



Original Color
10040

Protanomaly
1320246

Deuteranomaly
1123641

Tritanomaly
10288

Monochromacy



Original Color
10040

Achromatopsia
1907997

Achromatomaly
1188135

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10040 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 #002738 looks like.

```
.text, #text, p{  
  color:#002738  
}
```

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 #002738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002738
}
```

Border

The CSS property to change the border of an element to Decimal 10040 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
#002738 }
```

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

```
.border{ border-color:#002738 }
```

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

Here you see how a box with a 4 pixel #002738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002738; -webkit-box-shadow:4px 4px  
4px 4px #002738; box-shadow:4px 4px 4px  
4px #002738 }
```

Background

The CSS property to change the background color of an element to Decimal 10040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002738 }
```

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

```
.background{ background-color:#002738 }
```

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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