

Converting Colors

Decimal(30350)

Have a look what the booklet for
Decimal(30350) contains.

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Color

Decimal(30350)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 00768E |
| RGB | 0, 118, 142 |
| RGB Percent | 0%, 46%, 56% |
| CMY | 1.0000, 0.5373, 0.4431 |
| CMYK | 1.00, 0.17, 0.00, 0.44 |
| HSL | 190°, 100%, 28% |
| HSV | 190°, 100%, 56% |
| XYZ | 11.3609, 14.9099, 27.8703 |
| YIQ | 85.4540, -78.0320, -17.5520 |

Conversions

Conversions Part 2

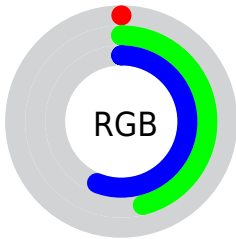
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 64, 142 |
| Decimal | 30350 |
| CIELab | 45.51, -18.83, -20.93 |
| CIELCh | 46, 28.159, 228.024 |
| Yxy | 14.9099, 0.2098, 0.2754 |
| Android (android.graphics.Color) | 4278220430 (0xFF00768E) |
| YUV | 85.4540, 27.8772, -74.9432 |
| Hunter-Lab | 38.6133, -15.0544, -15.7650 |

Details

The Decimal color **30350** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **9312256**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **5483204**, and **17756** is the 20% darker color. If you saturate the color by 10%, you get **30350**, and if you desaturate by 10%, it is **948366**.

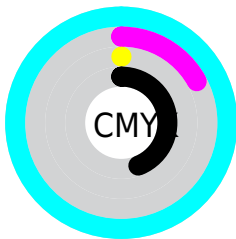
Distribution



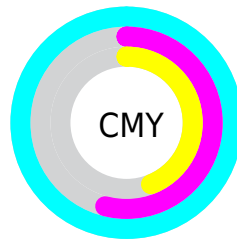
- Red (0%)
- Green (46%)
- Blue (56%)



- Red (0%)
- Yellow (25%)
- Blue (56%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)


















- Cyan (100%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 30350 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 30350 by changing the saturation by 10% instead.

| | |
|---|---|
|  30350 |  30350 |
|  16777215 |  23924 |
|  5483204 |  17756 |
|  7456480 |  12100 |
|  9298684 |  7214 |
|  11206399 |  281 |
|  13172735 |  0 |
|  15073279 | |

 30350

 948366

■ 1866638

■ 2850190

■ 3768462

■ 4686478

■ 5604494

■ 6522766

■ 7506318

■ 8424590

Harmonies

Analogous

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



424057



30350



3633561

Triad

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



30350



9656950



7171902

Complementary

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



30350



9312256

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.



8611646



30350



10115678

Square

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



30350



8413323



9658186



5403723

Rectangle

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



30350



5532826



9658186



7695420

Sweetspot

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



30350



8498872



36376



3888732



14408667



6052956

Same Dimension

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



30350



39352



12174



4212295



28807



1544

Inverse Universe

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



9306230



12058777



9330432



4669510



8847472



524294

Previews

White Background



This preview shows how the Decimal color 30350 looks on a white background.

Color Contrast Check

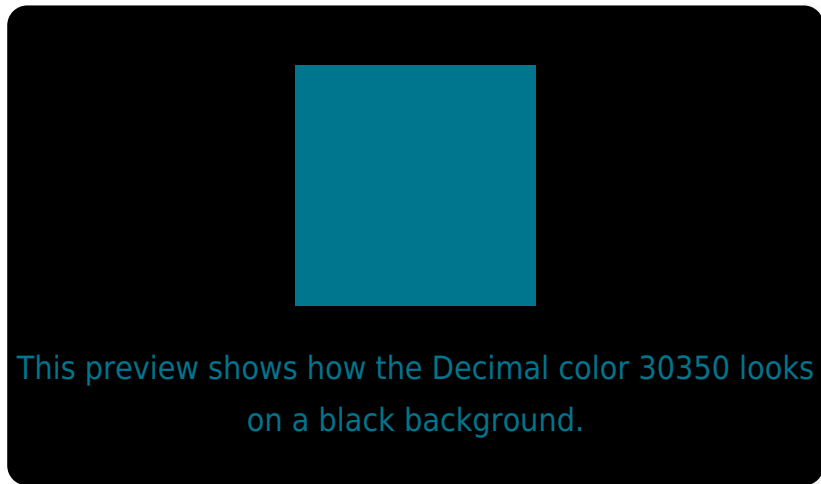
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

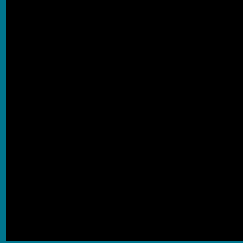
Any Text WCAG AA × Fail

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 30350 Background



This preview shows how black text looks on a background with the Decimal color 30350.

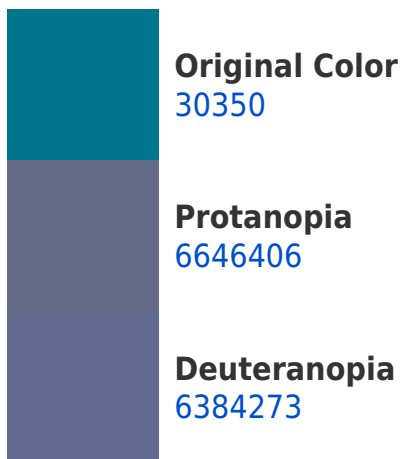


This preview shows how white text looks on a background with the Decimal color 30350.

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](#).

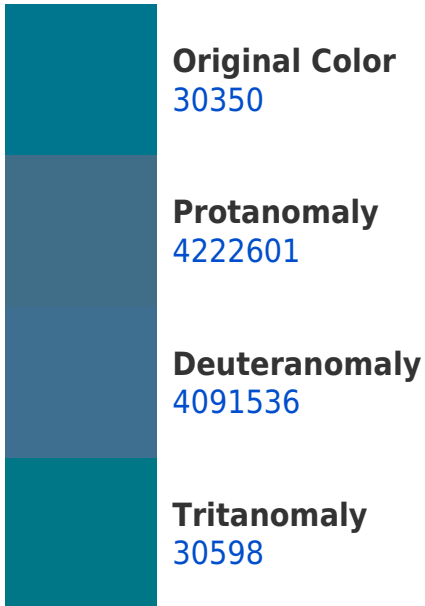
Dichromacy





Tritanopia
30849

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 30350 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 #00768E looks like.

```
.text, #text, p{  
    color:#00768E  
}
```

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 #00768E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00768E
}
```

Border

The CSS property to change the border of an element to Decimal 30350 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
#00768E }
```

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

```
.border{ border-color:#00768E }
```

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

Here you see how a box with a 4 pixel #00768E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00768E; -webkit-box-shadow:4px 4px  
4px 4px #00768E; box-shadow:4px 4px 4px  
4px #00768E }
```

Background

The CSS property to change the background color of an element to Decimal 30350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00768E }
```

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

```
.background{ background-color:#00768E }
```

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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