

Converting Colors

Decimal(33650)

Have a look what the booklet for
Decimal(33650) contains.

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Color

Decimal(33650)

Conversions

Conversions Part 1

Format	Color
Hex	008372
RGB	0, 131, 114
RGB Percent	0%, 51%, 45%
CMY	1.0000, 0.4863, 0.5529
CMYK	1.00, 0.00, 0.13, 0.49
HSL	172°, 100%, 26%
HSV	172°, 100%, 51%
XYZ	11.1536, 17.4475, 18.6994
YIQ	89.8930, -72.6190, -33.0590

Conversions

Conversions Part 2

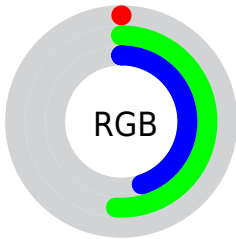
Format	Color
RYB	0, 70, 131
Decimal	33650
CIELab	48.82, -34.60, 0.59
CIELCh	49, 34.607, 179.028
Yxy	17.4475, 0.2358, 0.3689
Android (android.graphics.Color)	4278223730 (0xFF008372)
YUV	89.8930, 11.8848, -78.8362
Hunter-Lab	41.7702, -25.4345, 2.6966

Details

The Decimal color **33650** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8585233**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **5355942**, and **20802** is the 20% darker color. If you saturate the color by 10%, you get **33650**, and if you desaturate by 10%, it is **885620**.

Distribution



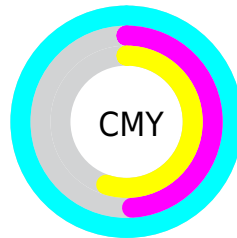
- Red (0%)
- Green (51%)
- Blue (45%)



- Red (0%)
- Yellow (27%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 33650 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 33650 by changing the saturation by 10% instead.

 33650  33650

16777215  26970

 5355942  20802

 7263681  14636

 9171421  9240

 11075577  0

 12976127

 14876671

 33650

 885620

■ 1737589

■ 2589559

■ 3441529

■ 4359035

■ 5211004

■ 6062974

■ 6914944

■ 7766913

Harmonies

Analogous

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



4554837



33650



33679

Triad

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



33650



7695783



10381122

Complementary

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



33650



8585233

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.



11231065



33650



9921171

Square

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



33650



4290478



11099254



8876600

Rectangle

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



33650



32927



11099254



10708041

Sweetspot

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



33650



7908260



1147648



3626835



14079702



5723991

Same Dimension

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



33650



43925



21379



3949121



33393



770

Inverse Universe

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



8585233



11206678



8597504



4340797



8519697



196608

Previews

White Background



This preview shows how the Decimal color 33650 looks on a white background.

Color Contrast Check

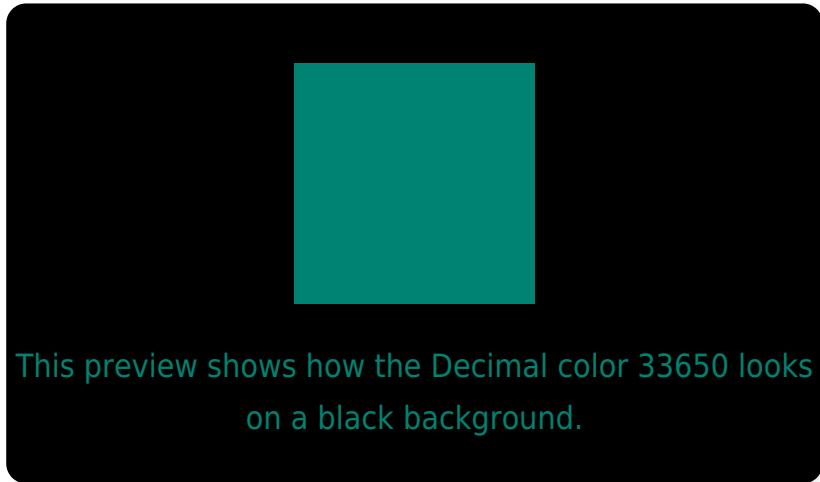
Large Text (above 18pt) WCAG AA ✓ Pass

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

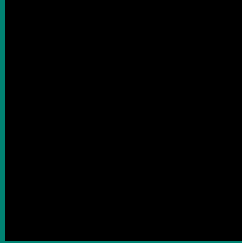
Any Text WCAG AA × Fail

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 33650 Background



This preview shows how black text looks on a background with the Decimal color 33650.

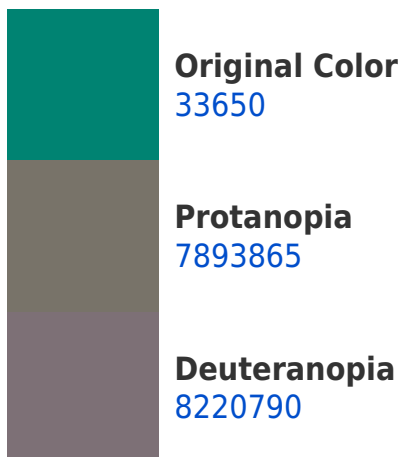



This preview shows how white text looks on a background with the Decimal color 33650.

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
2326666

Trichromacy



Original Color
33650

Protanomaly
5011820

Deuteranomaly
5273461

Tritanomaly
1474945

Monochromacy



Original Color
33650

Achromatopsia
5921370

Achromatomaly
3762531

CSS Examples

Text

The CSS property to change the color of the text to Decimal 33650 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 #008372 looks like.

```
.text, #text, p{  
    color:#008372  
}
```

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 #008372 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008372
}
```

Border

The CSS property to change the border of an element to Decimal 33650 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
#008372 }
```

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

```
.border{ border-color:#008372 }
```

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

Here you see how a box with a 4 pixel #008372 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008372; -webkit-box-shadow:4px 4px  
4px 4px #008372; box-shadow:4px 4px 4px  
4px #008372 }
```

Background

The CSS property to change the background color of an element to Decimal 33650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008372 }
```

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

```
.background{ background-color:#008372 }
```

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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