

Converting Colors

Decimal(30050)

Have a look what the booklet for
Decimal(30050) contains.

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Color

Decimal(30050)

Conversions

Conversions Part 1

Format	Color
Hex	007562
RGB	0, 117, 98
RGB Percent	0%, 46%, 38%
CMY	1.0000, 0.5412, 0.6157
CMYK	1.00, 0.00, 0.16, 0.54
HSL	170°, 100%, 23%
HSV	170°, 100%, 46%
XYZ	8.5659, 13.6044, 13.7297
YIQ	79.8510, -63.6330, -30.7130

Conversions

Conversions Part 2

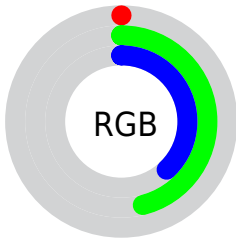
Format	Color
RYB	0, 64, 117
Decimal	30050
CIELab	43.66, -32.98, 2.57
CIELCh	44, 33.084, 175.543
Yxy	13.6044, 0.2386, 0.3790
Android (android.graphics.Color)	4278220130 (0xFF007562)
YUV	79.8510, 8.9475, -70.0293
Hunter-Lab	36.8842, -23.0929, 3.7489

Details

The Decimal color **30050** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7667731**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **5024405**, and **17460** is the 20% darker color. If you saturate the color by 10%, you get **30050**, and if you desaturate by 10%, it is **816484**.

Distribution



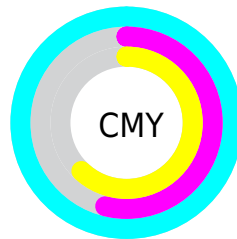
- Red (0%)
- Green (46%)
- Blue (38%)



- Red (0%)
- Yellow (25%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 30050 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 30050 by changing the saturation by 10% instead.


 30050  30050

16777215  23626

 5024405  17460

 6931887  11551

 8774347  5382

 10616551  0

 12451839

 14417919

 16318463

 30050

■ 816484

■ 1537382

■ 2323816

■ 3110250

■ 3896684

■ 4617581

■ 5404015

■ 6190449

■ 6911347

Harmonies

Analogous

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



4158023



30050



30078

Triad

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



30050



6513305



9460283

Complementary

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



30050



7667731

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.



10179153



30050



8738695

Square

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



30050



3042206



9982316



8086575

Rectangle

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



30050



29582



9982316



9787201

Sweetspot

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



30050



7051666



1275136



3231048



13421772



5066061

Same Dimension

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



30050



39296



20085



3488570



31335



64209

Inverse Universe

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



7667731



10027033



7677696



3880246



7995412



16384041

Previews

White Background



This preview shows how the Decimal color 30050 looks on a white background.

Color Contrast Check

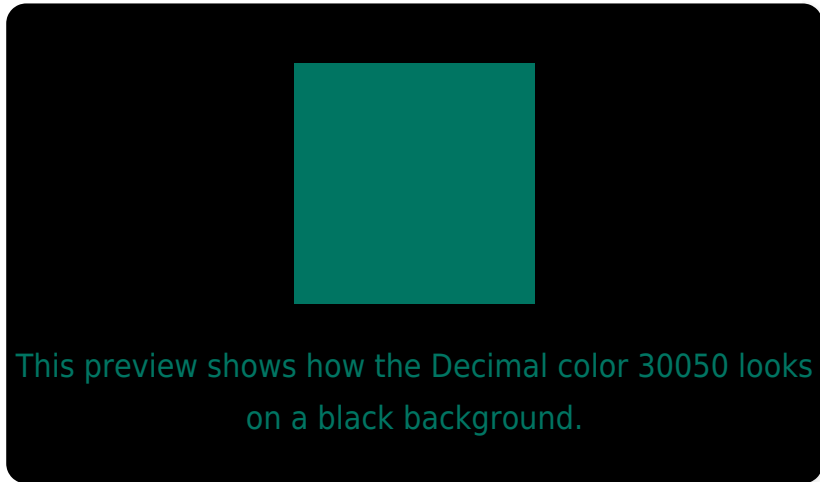
Large Text (above 18pt) WCAG AA ✓ Pass

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

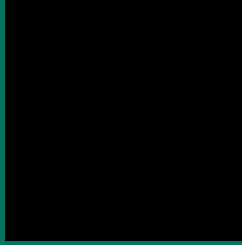
Any Text WCAG AA × Fail

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 30050 Background



This preview shows how black text looks on a background with the Decimal color 30050.

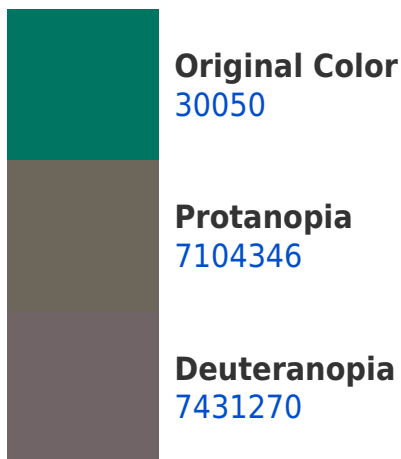



This preview shows how white text looks on a background with the Decimal color 30050.

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
2191995

Trichromacy



Original Color
30050

Protanomaly
4549725

Deuteranomaly
4745829

Tritanomaly
1405810

Monochromacy



Original Color
30050

Achromatopsia
5263440

Achromatomaly
3366231

CSS Examples

Text

The CSS property to change the color of the text to Decimal 30050 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 #007562 looks like.

```
.text, #text, p{  
    color:#007562  
}
```

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 #007562 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007562
}
```

Border

The CSS property to change the border of an element to Decimal 30050 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
#007562 }
```

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

```
.border{ border-color:#007562 }
```

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

Here you see how a box with a 4 pixel #007562 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007562; -webkit-box-shadow:4px 4px  
4px 4px #007562; box-shadow:4px 4px 4px  
4px #007562 }
```

Background

The CSS property to change the background color of an element to Decimal 30050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007562 }
```

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

```
.background{ background-color:#007562 }
```

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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