

Converting Colors

Decimal(27505)

Have a look what the booklet for
Decimal(27505) contains.

Decimal(27505)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(27505)

Conversions

Conversions Part 1

Format	Color
Hex	006B71
RGB	0, 107, 113
RGB Percent	0%, 42%, 44%
CMY	1.0000, 0.5804, 0.5569
CMYK	1.00, 0.05, 0.00, 0.56
HSL	183°, 100%, 22%
HSV	183°, 100%, 44%
XYZ	8.2383, 11.7076, 17.4484
YIQ	75.6910, -65.6980, -20.8180

Conversions

Conversions Part 2

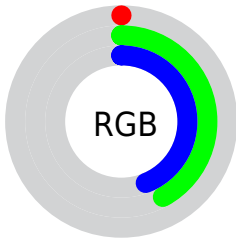
Format	Color
RYB	0, 55, 113
Decimal	27505
CIELab	40.75, -23.32, -10.79
CIELCh	41, 25.700, 204.830
Yxy	11.7076, 0.2203, 0.3131
Android (android.graphics.Color)	4278217585 (0xFF006B71)
YUV	75.6910, 18.3933, -66.3810
Hunter-Lab	34.2164, -16.9011, -6.2829

Details

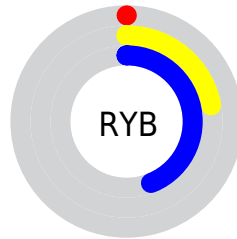
The Decimal color **27505** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7407104**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **5021605**, and **15169** is the 20% darker color. If you saturate the color by 10%, you get **27505**, and if you desaturate by 10%, it is **748657**.

Distribution



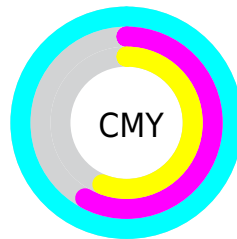
- Red (0%)
- Green (42%)
- Blue (44%)



- Red (0%)
- Yellow (22%)
- Blue (44%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 27505 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 27505 by changing the saturation by 10% instead.

 27505  27505

16777215  21081

 5021605  15169

 6863552  9515

 8705756  1559

 10547960  0

 12451839

 14352383

 16318463

 27505

■ 748657

■ 1535089

■ 2256241

■ 2977137

■ 3763825

■ 4484977

■ 5205873

■ 5927025

■ 6713457

Harmonies

Analogous

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



2517852



27505



1075330

Triad

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



27505



7820409



7429686

Complementary

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



27505



7407104

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.



8476222



27505



8802405

Square

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



27505



6118534



8999247



6054969

Rectangle

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



27505



2975112



8999247



7822136

Sweetspot

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



27505



6853268



28934



3098954



13224393



4868682

Same Dimension

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



27505



35988



13169



3291192



29048



60151

Inverse Universe

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



7405675



9699468



7421440



3682872



7864433



16187626

Previews

White Background



This preview shows how the Decimal color 27505 looks on a white background.

Color Contrast Check

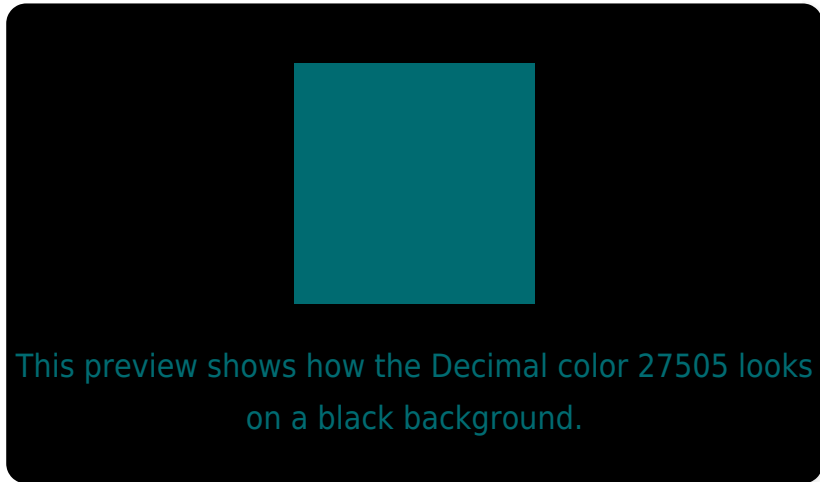
Large Text (above 18pt) WCAG AA ✓ Pass

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

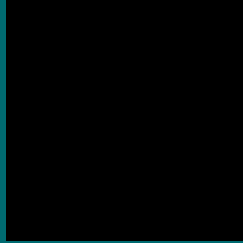
Any Text WCAG AA × Fail

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 27505 Background



This preview shows how black text looks on a background with the Decimal color 27505.

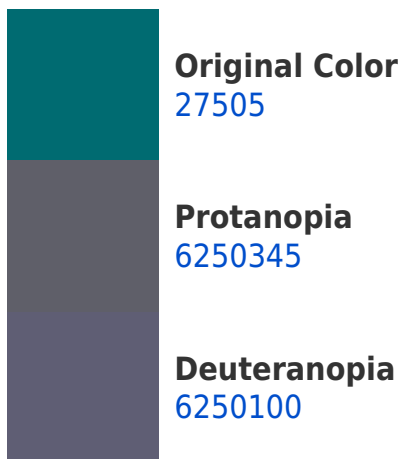


This preview shows how white text looks on a background with the Decimal color 27505.

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](#).

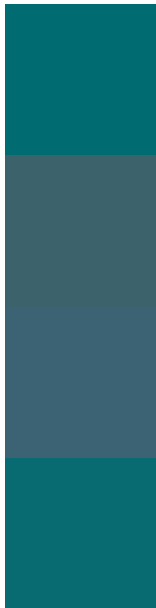
Dichromacy





Tritanopia
813939

Trichromacy



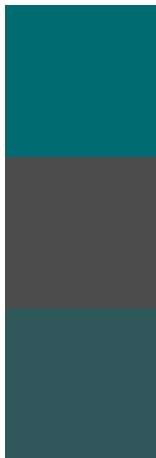
Original Color
27505

Protanomaly
3957612

Deuteranomaly
3957619

Tritanomaly
551794

Monochromacy



Original Color
27505

Achromatopsia
5000268

Achromatomaly
3168089

CSS Examples

Text

The CSS property to change the color of the text to Decimal 27505 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 #006B71 looks like.

```
.text, #text, p{  
    color:#006B71  
}
```

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 #006B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B71
}
```

Border

The CSS property to change the border of an element to Decimal 27505 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
#006B71 }
```

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

```
.border{ border-color:#006B71 }
```

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

Here you see how a box with a 4 pixel #006B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B71; -webkit-box-shadow:4px 4px  
4px 4px #006B71; box-shadow:4px 4px 4px  
4px #006B71 }
```

Background

The CSS property to change the background color of an element to Decimal 27505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B71 }
```

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

```
.background{ background-color:#006B71 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor