

# Converting Colors

Decimal(763520)

Have a look what the booklet for  
Decimal(763520) contains.

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# Color

**Decimal(763520)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BA680
RGB	11, 166, 128
RGB Percent	4%, 65%, 50%
CMY	0.9569, 0.3490, 0.4980
CMYK	0.93, 0.00, 0.23, 0.35
HSL	165°, 88%, 35%
HSV	165°, 93%, 65%
XYZ	17.6705, 28.9021, 25.0694
YIQ	115.3230, -80.1820, -44.6780

# Conversions

## Conversions Part 2

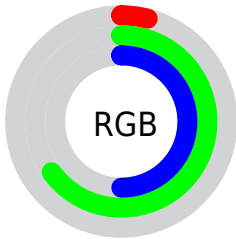
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 99, 166
Decimal	763520
CIELab	60.70, -45.21, 9.65
CIElCh	61, 46.232, 167.950
Yxy	28.9021, 0.2467, 0.4034
Android (android.graphics.Color)	4278953600 (0xFF0BA680)
YUV	115.3230, 6.2498, -91.4913
Hunter-Lab	53.7607, -35.4103, 9.9847

# Details

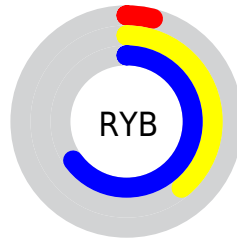
The Decimal color **763520** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10881841**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **6217397**, and **29007** is the 20% darker color. If you saturate the color by 10%, you get **42621**, and if you desaturate by 10%, it is **1877636**.

# Distribution



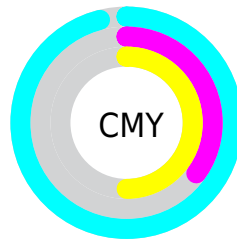
- Red (4%)
- Green (65%)
- Blue (50%)



- Red (4%)
- Yellow (39%)
- Blue (65%)



- Cyan (93%)
- Magenta (0%)
- Yellow (23%)
- Black (35%)



- Cyan (96%)
- Magenta (35%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 763520 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 763520 by changing the saturation by 10% instead.



 763520  763520

16777215  35687

 6217397  29007

 8190928  22328

 10158061  16162

 12058623  10765

 14024703  1280

 15990783  0

 763520  763520

 42621  1877636

■ 2926216

■ 4040332

■ 5088912

■ 6203028

■ 7317144

■ 8365724

■ 9479841

■ 10528421

# Harmonies

## Analogous

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



6529370



763520



42922

# Triad

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



763520



8031968



13925207

# Complementary

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



763520



10881841

# 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.



14643579



763520



11828937

# Square

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



763520



40162



14054053



12094017

# Rectangle

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



763520



42435



14054053



14317410



# Sweetspot

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



763520



10279370



3319307



4746853



15592941



7237230



# Same Dimension

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



763520



55716



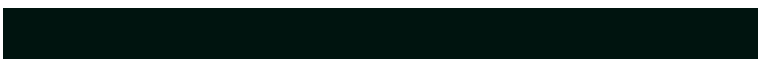
753574



5002322



38000



5135



# Inverse Universe

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



10881841



14221365



10891787



5524558



9699364



1310725



# Previews

## White Background



This preview shows how the Decimal color 763520 looks on a white 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

# Black Background



This preview shows how the Decimal color 763520 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

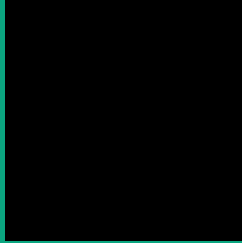
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 763520 Background



This preview shows how black text looks on a background with the Decimal color 763520.



This preview shows how white text looks on a background with the Decimal color 763520.

# 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**  
3514541

# Trichromacy



**Original Color**  
763520



**Protanomaly**  
6723962



**Deuteranomaly**  
7116164



**Tritanomaly**  
2531997

# Monochromacy



**Original Color**  
763520



**Achromatopsia**  
7566195



**Achromatomaly**  
5080696

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 763520 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 #0BA680 looks like.

```
.text, #text, p{  
    color:#0BA680  
}
```

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 #0BA680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BA680
}
```

## Border

The CSS property to change the border of an element to Decimal 763520 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
#0BA680 }
```

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

```
.border{ border-color:#0BA680 }
```

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

Here you see how a box with a 4 pixel #0BA680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BA680; -webkit-box-shadow:4px 4px  
4px 4px #0BA680; box-shadow:4px 4px 4px  
4px #0BA680 }
```

# Background

The CSS property to change the background color of an element to Decimal 763520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BA680 }
```

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

```
.background{ background-color:#0BA680 }
```

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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