

# Converting Colors

Decimal(1012550)

Have a look what the booklet for  
Decimal(1012550) contains.

<b>Decimal(1012550)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(1012550)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F7346
RGB	15, 115, 70
RGB Percent	6%, 45%, 27%
CMY	0.9412, 0.5490, 0.7255
CMYK	0.87, 0.00, 0.39, 0.55
HSL	153°, 77%, 25%
HSV	153°, 87%, 45%
XYZ	7.4332, 12.8052, 7.8742
YIQ	79.9700, -45.1550, -35.1950

# Conversions

## Conversions Part 2

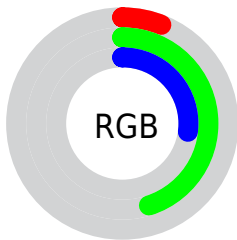
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 80, 115
Decimal	1012550
CIELab	42.47, -38.20, 17.48
CIELCh	42, 42.008, 155.408
Yxy	12.8052, 0.2644, 0.4555
Android (android.graphics.Color)	4279202630 (0xFF0F7346)
YUV	79.9700, -4.9152, -56.9787
Hunter-Lab	35.7844, -25.5442, 12.0025

# Details

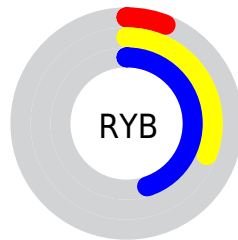
The Decimal color **1012550** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7540540**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **5220471**, and **16922** is the 20% darker color. If you saturate the color by 10%, you get **226113**, and if you desaturate by 10%, it is **1798987**.

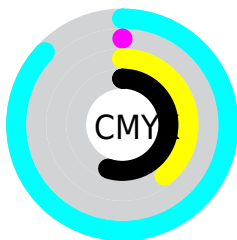
# Distribution



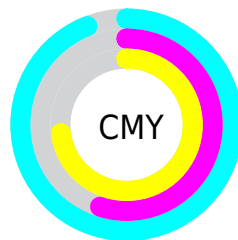
- Red (6%)
- Green (45%)
- Blue (27%)



- Red (6%)
- Yellow (31%)
- Blue (45%)



- Cyan (87%)
- Magenta (0%)
- Yellow (39%)
- Black (55%)



- Cyan (94%)
- Magenta (55%)
- Yellow (73%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 1012550 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 1012550 by changing the saturation by 10% instead.




 1012550

 1012550


16777215

 23087

 5220471

 16922

 7062416

 11009

 8839339

 4096

 10681798


 0

 12582883

 14483455

 16383999

 1012550

 1012550

■ 226113

■ 1798987

■ 29503

■ 2519888

■ 3240790

■ 4027227

■ 4813664

■ 5534565

■ 6321002

■ 7041903

■ 7828341

# Harmonies

## Analogous

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



5074472



1012550



30058

# Triad

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



1012550



2516649



10505022

# Complementary

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



1012550



7540540

# 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.



10699871



1012550



7231645

# Square

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



1012550



28579



9653122



9328676

# Rectangle

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



1012550



30081



9653122



10700617



# Sweetspot

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



1012550



7313029



3961615



3493186



13421772



5066061



# Same Dimension

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



1012550



38483



1011315



3488568



31299



64137



# Inverse Universe

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



7540540



9830468



7541775



3880247



7995447



16384112



# Previews

## White Background



This preview shows how the Decimal color 1012550 looks on a white background.

## Color Contrast Check

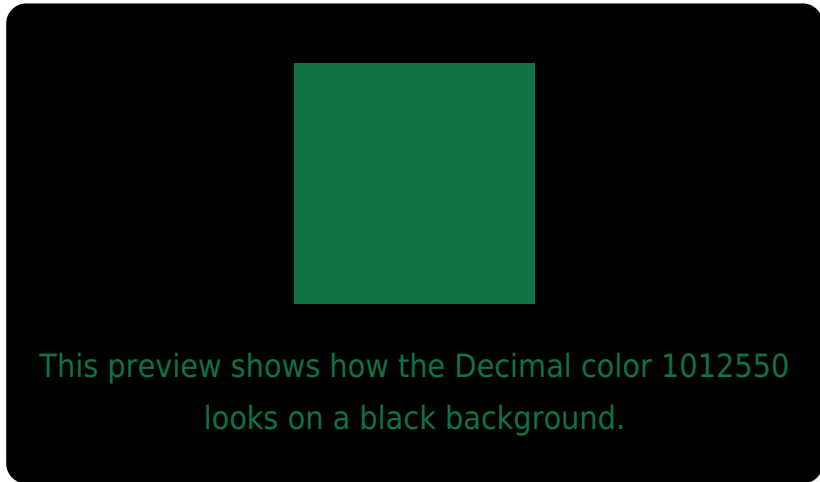
Large Text (above 18pt) WCAG AA ✓ Pass

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

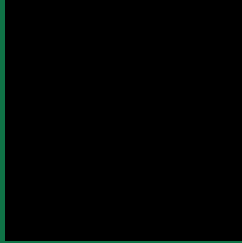
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1012550 Background



This preview shows how black text looks on a background with the Decimal color 1012550.



This preview shows how white text looks on a background with the Decimal color 1012550.

# 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



**Original Color**  
1012550

**Protanopia**  
7169088

**Deuteranopia**  
7757898



**Tritanopia**  
2846070

# Trichromacy



**Original Color**  
1012550



**Protanomaly**  
4942146



**Deuteranomaly**  
5334857



**Tritanomaly**  
2191205

# Monochromacy



**Original Color**  
1012550



**Achromatopsia**  
5263440



**Achromatomaly**  
3693900

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1012550 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 #0F7346 looks like.

```
.text, #text, p{  
  color:#0F7346  
}
```

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 #0F7346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F7346
}
```

## Border

The CSS property to change the border of an element to Decimal 1012550 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".

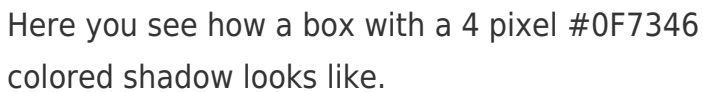
```
.border, #border, table{ border:4px solid
#0F7346 }
```

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

```
.border{ border-color:#0F7346 }
```

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

Here you see how a box with a 4 pixel #0F7346 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F7346; -webkit-box-shadow:4px 4px  
4px 4px #0F7346; box-shadow:4px 4px 4px  
4px #0F7346 }
```

# Background

The CSS property to change the background color of an element to Decimal 1012550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F7346 }
```

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

```
.background{ background-color:#0F7346 }
```

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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