

# Converting Colors

Decimal(11976550)

Have a look what the booklet for  
Decimal(11976550) contains.

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# **Color**

**Decimal(11976550)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6BF66
RGB	182, 191, 102
RGB Percent	71%, 75%, 40%
CMY	0.2863, 0.2510, 0.6000
CMYK	0.05, 0.00, 0.47, 0.25
HSL	66°, 41%, 57%
HSV	66°, 47%, 75%
XYZ	40.3205, 48.1660, 19.7422
YIQ	178.1630, 23.2050, -29.5870

# Conversions

## Conversions Part 2

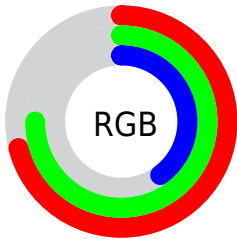
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 191, 111
Decimal	11976550
CIELab	74.93, -16.25, 43.58
CIELCh	75, 46.506, 110.445
Yxy	48.1660, 0.3725, 0.4450
Android (android.graphics.Color)	4290166630 (0xFFB6BF66)
YUV	178.1630, -37.5484, 3.3650
Hunter-Lab	69.4017, -17.7495, 31.7154

# Details

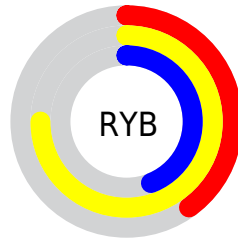
The Decimal color **11976550** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7300799**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **15726491**, and **8358452** is the 20% darker color. If you saturate the color by 10%, you get **11845459**, and if you desaturate by 10%, it is **12107641**.

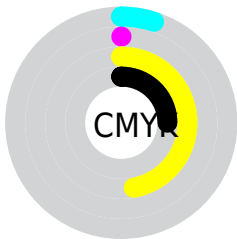
# Distribution



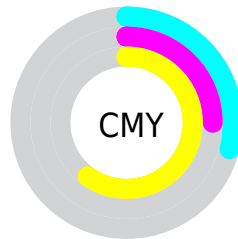
- Red (71%)
- Green (75%)
- Blue (40%)



- Red (40%)
- Yellow (75%)
- Blue (44%)



- Cyan (5%)
- Magenta (0%)
- Yellow (47%)
- Black (25%)



- Cyan (29%)
- Magenta (25%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11976550 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 11976550 by changing the saturation by 10% instead.



 11976550

 11976550

16777215

 10134605

 15726491

 8358452

 16777142

 6647834

 16777170

 4937728

 16777199

 3424512

 1714944

 6144

 0

 11976550

 11976550

■ 11845459

■ 12107641

■ 11714368

■ 12238732

■ 11583277

■ 12369823

■ 11452186

■ 12500914

■ 11321095

■ 12632006

■ 11321088

■ 12763097

■ 12894188

■ 12959743

■ 13090815

# Harmonies

## Analogous

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



14659939



11976550



8702336

# Triad

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



11976550



51961



16750536

# Complementary

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



11976550



7300799

# 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.



14787311



11976550



5685759

# Square

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



11976550



53205



11055871



16750493

# Rectangle

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



11976550



6081946



11055871



16358102



# Sweetspot

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



11976550



16054229



12545894



8093032



16579836



8224125



# Same Dimension

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



11976550



15333229



9092966



6118997



9346560



1842944



# Inverse Universe

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



7300799



8089079



10184383



5657950



1048734



196639



# Previews

## White Background



This preview shows how the Decimal color 11976550 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 11976550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

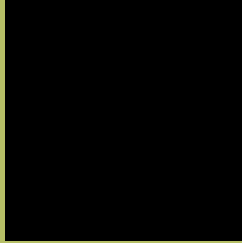
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11976550 Background



This preview shows how black text looks on a background with the Decimal color 11976550.



This preview shows how white text looks on a background with the Decimal color 11976550.

# 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**  
12694723

# Trichromacy



**Original Color**  
11976550

**Protanomaly**  
12827493

**Deuteranomaly**  
13743465

**Tritanomaly**  
12433569

# Monochromacy



**Original Color**  
11976550

**Achromatopsia**  
11711154

**Achromatomaly**  
11777942

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11976550 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 #B6BF66 looks like.

```
.text, #text, p{  
    color:#B6BF66  
}
```

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 #B6BF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6BF66
}
```

## Border

The CSS property to change the border of an element to Decimal 11976550 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
#B6BF66 }
```

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

```
.border{ border-color:#B6BF66 }
```

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

Here you see how a box with a 4 pixel #B6BF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6BF66; -webkit-box-shadow:4px 4px  
4px 4px #B6BF66; box-shadow:4px 4px 4px  
4px #B6BF66 }
```

# Background

The CSS property to change the background color of an element to Decimal 11976550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6BF66 }
```

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

```
.background{ background-color:#B6BF66 }
```

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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