

# Converting Colors

Decimal(11710270)

Have a look what the booklet for  
Decimal(11710270) contains.

<b>Decimal(11710270)</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(11710270)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2AF3E
RGB	178, 175, 62
RGB Percent	70%, 69%, 24%
CMY	0.3020, 0.3137, 0.7569
CMYK	0.00, 0.02, 0.65, 0.30
HSL	58°, 48%, 47%
HSV	58°, 65%, 70%
XYZ	34.5596, 40.4727, 10.5480
YIQ	163.0150, 38.0610, -34.5070

# Conversions

## Conversions Part 2

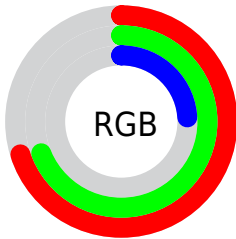
Format	Color
<a href="#">RYB</a>	<a href="#">65, 178, 62</a>
Decimal	<a href="#">11710270</a>
CIELab	<a href="#">69.80, -12.98, 56.09</a>
CIELCh	<a href="#">70, 57.567, 103.027</a>
Yxy	<a href="#">40.4727, 0.4038, 0.4729</a>
Android (android.graphics.Color)	<a href="#">4289900350 (0xFFB2AF3E)</a>
YUV	<a href="#">163.0150, -49.8004, 13.1418</a>
Hunter-Lab	<a href="#">63.6182, -14.3645, 34.7024</a>

# Details

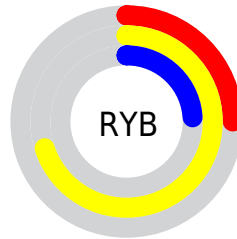
The Decimal color **11710270** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4080050**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **15525491**, and **8026880** is the 20% darker color. If you saturate the color by 10%, you get **11710252**, and if you desaturate by 10%, it is **11710288**.

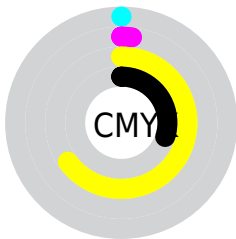
# Distribution



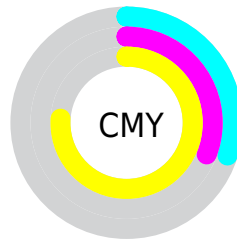
- Red (70%)
- Green (69%)
- Blue (24%)



- Red (25%)
- Yellow (70%)
- Blue (24%)



- Cyan (0%)
- Magenta (2%)
- Yellow (65%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11710270 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 11710270 by changing the saturation by 10% instead.



 11710270

 11710270

16777215

 9868322

 15525491

 8026880

 16777102

 6251008


 16777130

 4540928


 16777158

 2831360


 16777187

 1187584

 0

 11710270

 11710270

 11710252

 11710288

■ 11709978

■ 11710562

■ 11709961

■ 11710579

■ 11709696

■ 11710853

■ 11710871

■ 11711145

■ 11711163

■ 11711436

■ 11711454

# Harmonies

## Analogous

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



14720324



11710270



7912282

# Triad

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



11710270



49905



16482762

# Complementary

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



11710270



4080050

# 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.



13341687



11710270



47615

# Square

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



11710270



50368



7842047



16743830

# Rectangle

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



11710270



4243833



7842047



15697627



# Sweetspot

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



11710270



15263674



11681346



7697753



16119285



7697781



# Same Dimension

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



11710270



15262515



8172094



5855568



10065152



1710336



# Inverse Universe

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



4080050



3356904



7618226



5263705



1177



282



# Previews

## White Background



This preview shows how the Decimal color 11710270 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 11710270 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 11710270 Background



This preview shows how black text looks on a background with the Decimal color 11710270.



This preview shows how white text looks on a background with the Decimal color 11710270.

# 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**  
12362929

# Trichromacy



**Original Color**  
11710270

**Protanomaly**  
12233789

**Deuteranomaly**  
13150017

**Tritanomaly**  
12101767

# Monochromacy



**Original Color**  
11710270

**Achromatopsia**  
10724259

**Achromatomaly**  
11052926

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11710270 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 #B2AF3E looks like.

```
.text, #text, p{  
    color:#B2AF3E  
}
```

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 #B2AF3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2AF3E
}
```

## Border

The CSS property to change the border of an element to Decimal 11710270 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
#B2AF3E }
```

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

```
.border{ border-color:#B2AF3E }
```

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

Here you see how a box with a 4 pixel #B2AF3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2AF3E; -webkit-box-shadow:4px 4px  
4px 4px #B2AF3E; box-shadow:4px 4px 4px  
4px #B2AF3E }
```

# Background

The CSS property to change the background color of an element to Decimal 11710270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2AF3E }
```

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

```
.background{ background-color:#B2AF3E }
```

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