

# Converting Colors

Decimal(11451020)

Have a look what the booklet for  
Decimal(11451020) contains.

<b>Decimal(11451020)</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(11451020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEBA8C
RGB	174, 186, 140
RGB Percent	68%, 73%, 55%
CMY	0.3176, 0.2706, 0.4510
CMYK	0.06, 0.00, 0.25, 0.27
HSL	76°, 25%, 64%
HSV	76°, 25%, 73%
XYZ	39.7481, 46.0099, 31.5968
YIQ	177.1680, 7.6140, -16.8500

# Conversions

## Conversions Part 2

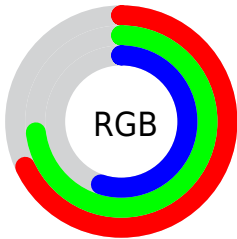
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 186, 152
Decimal	11451020
CIELab	73.55, -12.09, 21.99
CIELCh	74, 25.095, 118.811
Yxy	46.0099, 0.3387, 0.3921
Android (android.graphics.Color)	4289641100 (0xFFAEB8C)
YUV	177.1680, -18.3238, -2.7783
Hunter-Lab	67.8306, -14.1043, 19.8630

# Details

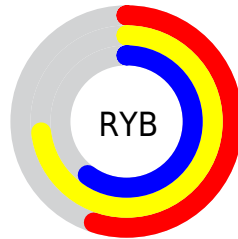
The Decimal color **11451020** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9997498**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **15135426**, and **7963994** is the 20% darker color. If you saturate the color by 10%, you get **11123321**, and if you desaturate by 10%, it is **11778719**.

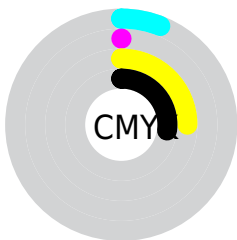
# Distribution



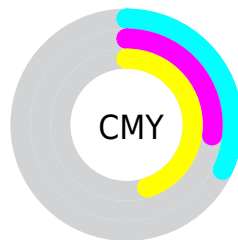
- Red (68%)
- Green (73%)
- Blue (55%)



- Red (55%)
- Yellow (73%)
- Blue (60%)



- Cyan (6%)
- Magenta (0%)
- Yellow (25%)
- Black (27%)



- Cyan (32%)
- Magenta (27%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11451020 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 11451020 by changing the saturation by 10% instead.





11451020



11451020

16777215



9674610



15135426



7963994



16777182



6319170



16777210



4739883



3226646



1844736



4864



0



11451020



11451020

■ 11123321

■ 11778719

■ 10795623

■ 12106417

■ 10467924

■ 12434116

■ 10205762

■ 12696278

■ 9878063

■ 13023977

■ 9550364

■ 13351676

■ 9222666

■ 13679359

■ 9026048

■ 14007039

■ 14334719

# Harmonies

## Analogous

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



13087623



11451020



9748380

# Triad

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



11451020



8175067



14787766

# Complementary

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



11451020



9997498

# 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.



13805773



11451020



10008546

# Square

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



11451020



7520714



12038109



14919328

# Rectangle

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



11451020



8634795



12038109



14525886



# Sweetspot

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



11451020



15659745



12228748



7895665



16448250



8026746



# Same Dimension

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



11451020



14676650



10009228



5856339



7576576



1383424



# Inverse Universe

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



9997498



12430066



11504826



5591900



2687132



458780



# Previews

## White Background



This preview shows how the Decimal color 11451020 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 11451020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

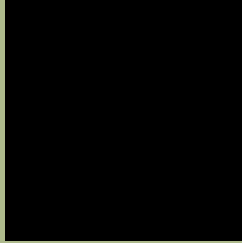
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11451020 Background



This preview shows how black text looks on a background with the Decimal color 11451020.



This preview shows how white text looks on a background with the Decimal color 11451020.

# 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**  
11908033

# Trichromacy



**Original Color**  
11451020

**Protanomaly**  
12236426

**Deuteranomaly**  
13021838

**Tritanomaly**  
11712174

# Monochromacy



**Original Color**  
11451020

**Achromatopsia**  
11645361

**Achromatomaly**  
11580580

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11451020 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 #AEBA8C looks like.

```
.text, #text, p{  
    color:#AEBA8C  
}
```

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 #AEBA8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEBA8C
}
```

## Border

The CSS property to change the border of an element to Decimal 11451020 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
#AEBA8C }
```

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

```
.border{ border-color:#AEBA8C }
```

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

Here you see how a box with a 4 pixel #AEBA8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEBA8C; -webkit-box-shadow:4px 4px  
4px 4px #AEBA8C; box-shadow:4px 4px 4px  
4px #AEBA8C }
```

# Background

The CSS property to change the background color of an element to Decimal 11451020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEBA8C }
```

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

```
.background{ background-color:#AEBA8C }
```

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