

# Converting Colors

Decimal(1212080)

Have a look what the booklet for  
Decimal(1212080) contains.

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# Color

**Decimal(1212080)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	127EB0
RGB	18, 126, 176
RGB Percent	7%, 49%, 69%
CMY	0.9294, 0.5059, 0.3098
CMYK	0.90, 0.28, 0.00, 0.31
HSL	199°, 81%, 38%
HSV	199°, 90%, 69%
XYZ	15.5468, 18.1849, 43.7649
YIQ	99.4080, -80.4180, -7.3460

# Conversions

## Conversions Part 2

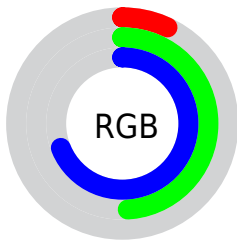
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 82, 176
Decimal	1212080
CIE <sub>Lab</sub>	49.72, -9.83, -34.29
CIE <sub>LCh</sub>	50, 35.671, 254.006
Yxy	18.1849, 0.2006, 0.2347
Android (android.graphics.Color)	4279402160 (0xFF127EB0)
YUV	99.4080, 37.7599, -71.3948
Hunter-Lab	42.6438, -9.5502, -30.9982

# Details

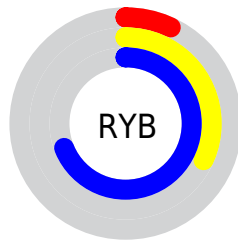
The Decimal color **1212080** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **11551762**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **6337512**, and **19835** is the 20% darker color. If you saturate the color by 10%, you get **30896**, and if you desaturate by 10%, it is **2393264**.

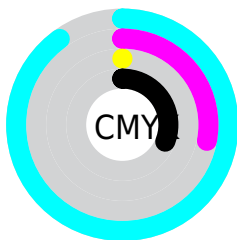
# Distribution



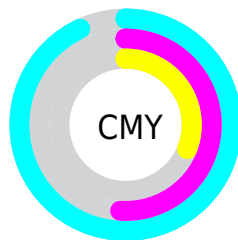
- Red (7%)
- Green (49%)
- Blue (69%)



- Red (7%)
- Yellow (32%)
- Blue (69%)



- Cyan (90%)
- Magenta (28%)
- Yellow (0%)
- Black (31%)























- Cyan (93%)
- Magenta (51%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1212080 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 1212080 by changing the saturation by 10% instead.



 1212080	 1212080
 16777215	 26005
 6337512	 19835
 8310527	 14178
 10283775	 8778
 12189695	 1075
 14155775	 541
 16121855	 0
 1212080	 1212080
 30896	 2393264

■ 3508656

■ 4689840

■ 5805232

■ 6986416

■ 8167344

■ 9282992

■ 10464176

■ 11579568

# Harmonies

## Analogous

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



33951



1212080



6255793

# Triad

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



1212080



11558505



5865545

# Complementary

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



1212080



11551762

# 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.



8091962



1212080



11166798

# Square

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



1212080



10903688



9924412



2917733

# Rectangle

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



1212080



8285609



9924412



6651458



# Sweetspot

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



1212080



11064038



1224769



5138291



15921906



7566195



# Same Dimension

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



1212080



40422



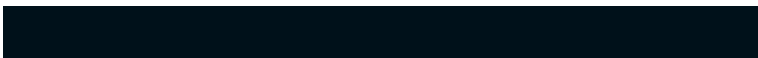
1192624



5264985



27033



4378



# Inverse Universe

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



11539070



15073437



11571218



5853270



10027113



1703953



# Previews

## White Background



This preview shows how the Decimal color 1212080 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



This preview shows how the Decimal color 1212080 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

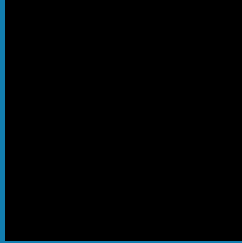
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 1212080 Background



This preview shows how black text looks on a background with the Decimal color 1212080.



This preview shows how white text looks on a background with the Decimal color 1212080.

# 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](#).

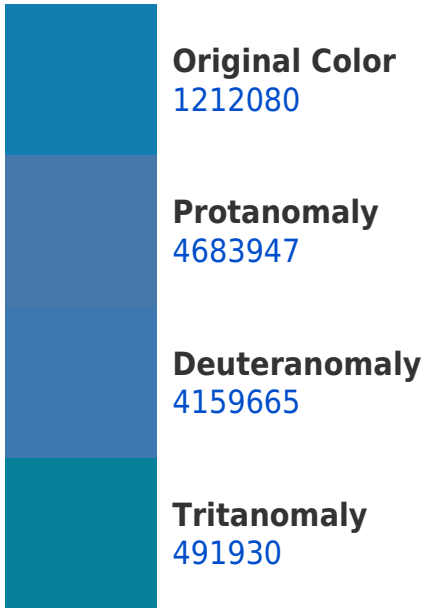
## Dichromacy





**Tritanopia**  
33677

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1212080 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 #127EB0 looks like.

```
.text, #text, p{  
  color:#127EB0  
}
```

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 #127EB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #127EB0
}
```

## Border

The CSS property to change the border of an element to Decimal 1212080 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
#127EB0 }
```

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

```
.border{ border-color:#127EB0 }
```

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

Here you see how a box with a 4 pixel #127EB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #127EB0; -webkit-box-shadow:4px 4px  
4px 4px #127EB0; box-shadow:4px 4px 4px  
4px #127EB0 }
```

# Background

The CSS property to change the background color of an element to Decimal 1212080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#127EB0 }
```

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

```
.background{ background-color:#127EB0 }
```

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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