

Converting Colors

Decimal(1219253)

Have a look what the booklet for
Decimal(1219253) contains.

Decimal(1219253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(1219253)

Conversions

Conversions Part 1

Format	Color
Hex	129AB5
RGB	18, 154, 181
RGB Percent	7%, 60%, 71%
CMY	0.9294, 0.3961, 0.2902
CMYK	0.90, 0.15, 0.00, 0.29
HSL	190°, 82%, 39%
HSV	190°, 90%, 71%
XYZ	20.1455, 26.5760, 47.7840
YIQ	116.4140, -89.7230, -20.4350

Conversions

Conversions Part 2

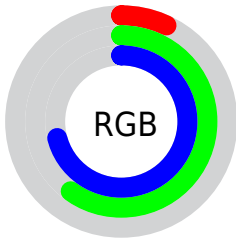
Format	Color
RYB	18, 92, 181
Decimal	1219253
CIELab	58.58, -23.35, -23.40
CIElCh	59, 33.057, 225.062
Yxy	26.5760, 0.2132, 0.2812
Android (android.graphics.Color)	4279409333 (0xFF129AB5)
YUV	116.4140, 31.8409, -86.3091
Hunter-Lab	51.5519, -20.4613, -18.8701

Details

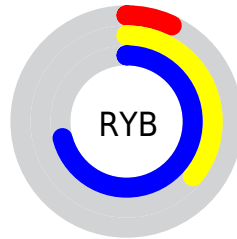
The Decimal color **1219253** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **11873554**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **6541805**, and **26496** is the 20% darker color. If you saturate the color by 10%, you get **38837**, and if you desaturate by 10%, it is **2399669**.

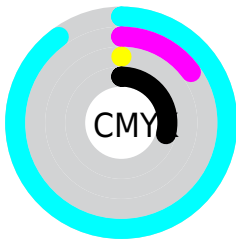
Distribution



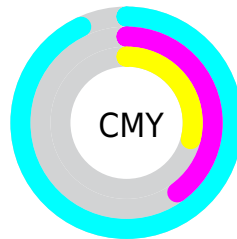
- Red (7%)
- Green (60%)
- Blue (71%)



- Red (7%)
- Yellow (36%)
- Blue (71%)



- Cyan (90%)
- Magenta (15%)
- Yellow (0%)
- Black (29%)



- Cyan (93%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1219253 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 1219253 by changing the saturation by 10% instead.

 1219253

 1219253

16777215

 32922

 6541805

 26496

 8580607

 20071

 10551295

 14159

 12517375

 8760

 14548991

 547

 16515071

 9

 0

 1219253

 1219253

■ 38837

■ 2399669

■ 3580085

■ 4760501

■ 5940917

■ 7186869

■ 8367285

■ 9547701

■ 10728117

■ 11908533

Harmonies

Analogous

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



2137243



1219253



4822212

Triad

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



1219253



12351645



9539668

Complementary

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



1219253



11873554

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.



11372117



1219253



13006719

Square

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



1219253



10715318



12549221



7444323

Rectangle

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



1219253



7048902



12549221



10194258

Sweetspot

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



1219253



11264235



1226026



5271413



16119285



7697781

Same Dimension

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



1219253



50411



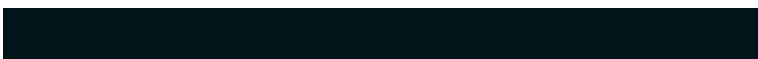
1199029



5265497



32921



5402

Inverse Universe

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



11866778



15401156



11893778



5853272



10027136



1703957

Previews

White Background



This preview shows how the Decimal color 1219253 looks on a white 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

Black Background



This preview shows how the Decimal color 1219253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

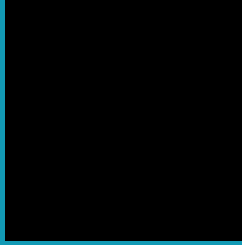
Any Text WCAG AA ✓ Pass

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 1219253 Background



This preview shows how black text looks on a background with the Decimal color 1219253.

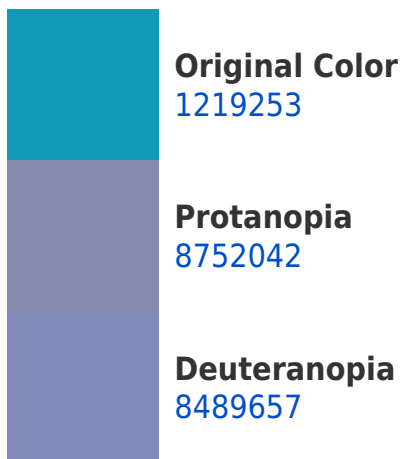


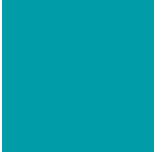
This preview shows how white text looks on a background with the Decimal color 1219253.

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
40104

Trichromacy



Original Color
1219253



Protanomaly
6000814



Deuteranomaly
5869752



Tritanomaly
498605

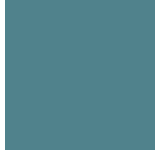
Monochromacy



Original Color
1219253



Achromatopsia
7631988



Achromatomaly
5276300

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1219253 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 #129AB5 looks like.

```
.text, #text, p{  
    color:#129AB5  
}
```

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 #129AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #129AB5
}
```

Border

The CSS property to change the border of an element to Decimal 1219253 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
#129AB5 }
```

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

```
.border{ border-color:#129AB5 }
```

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

Here you see how a box with a 4 pixel #129AB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #129AB5; -webkit-box-shadow:4px 4px  
4px 4px #129AB5; box-shadow:4px 4px 4px  
4px #129AB5 }
```

Background

The CSS property to change the background color of an element to Decimal 1219253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#129AB5 }
```

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

```
.background{ background-color:#129AB5 }
```

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