

Converting Colors

Decimal(12177618)

Have a look what the booklet for
Decimal(12177618) contains.

Decimal(12177618)	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(12177618)

Conversions

Conversions Part 1

Format	Color
Hex	B9D0D2
RGB	185, 208, 210
RGB Percent	73%, 82%, 82%
CMY	0.2745, 0.1843, 0.1765
CMYK	0.12, 0.01, 0.00, 0.18
HSL	185°, 22%, 77%
HSV	185°, 12%, 82%
XYZ	54.1963, 60.0792, 69.7128
YIQ	201.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

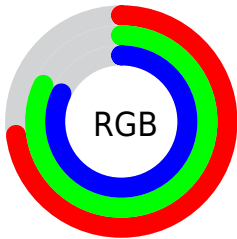
Format	Color
R _{YB}	185, 197, 210
Decimal	12177618
CIE Lab	81.88, -7.28, -3.62
CIE LCh	82, 8.133, 206.404
Yxy	60.0792, 0.2946, 0.3265
Android (android.graphics.Color)	4290367698 (0xFFB9D0D2)
YUV	201.3510, 4.2640, -14.3398
Hunter-Lab	77.5108, -10.8348, 0.9324

Details

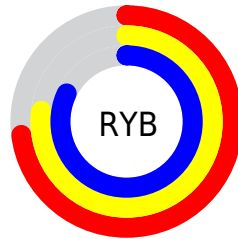
The Decimal color **12177618** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **13810617**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **15859711**, and **8690332** is the 20% darker color. If you saturate the color by 10%, you get **10800850**, and if you desaturate by 10%, it is **13554386**.

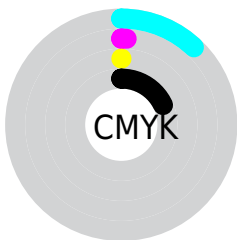
Distribution



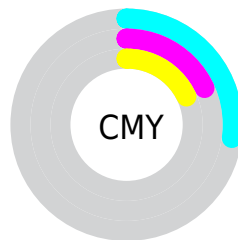
- Red (73%)
- Green (82%)
- Blue (82%)



- Red (73%)
- Yellow (77%)
- Blue (82%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12177618 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 12177618 by changing the saturation by 10% instead.

■ 12177618

16777215

■ 15859711

■ 12177618

■ 10400950

■ 8690332

■ 6979714

■ 5400424

■ 3821392

■ 2373690

■ 991780

■ 3343

■ 0

12177618

12177618

10800850

13554386

9424338

14930898

8047570

16307666

6670802

16766930

5294290

16767186

3917522

16767698

2540754

16768210

1164242

16768466

49618

16768978

Harmonies

Analogous

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



12308682



12177618



12373976

Triad

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



12177618



14010580



13880252

Complementary

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



12177618



13810617

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.



14338239



12177618



14403533

Square

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



12177618



13421273



14469061



13356478

Rectangle

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



12177618



12635610



14469061



14076605

Sweetspot

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



12177618



16121599



12178107



7962496



0



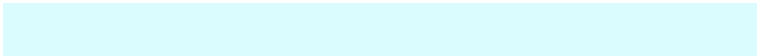
8421504

Same Dimension

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



12177618



14417151



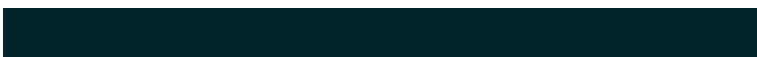
12174546



6187113



39848



9769

Inverse Universe

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



13810128



16767996



13813689



6905448



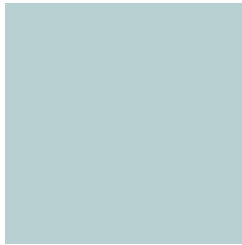
11010203



2687014

Previews

White Background



This preview shows how the Decimal color 12177618 looks on a white background.

Color Contrast Check

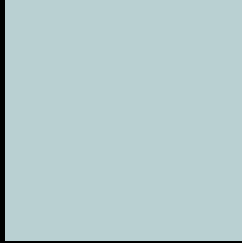
Large Text (above 18pt) WCAG AA × Fail

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 12177618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

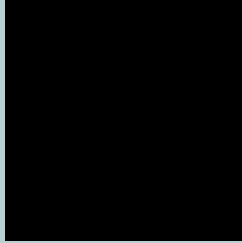
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

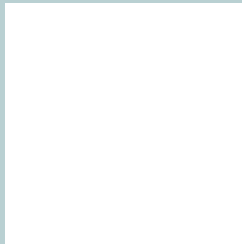
Any Text WCAG AAA ✓ Pass

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

Decimal 12177618 Background



This preview shows how black text looks on a background with the Decimal color 12177618.



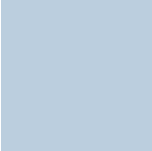
This preview shows how white text looks on a background with the Decimal color 12177618.

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](#).

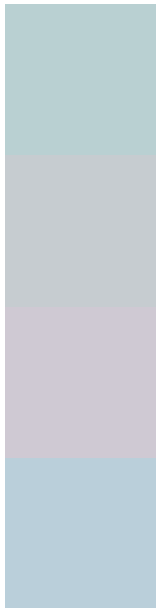
Dichromacy





Tritanopia
12308190

Trichromacy



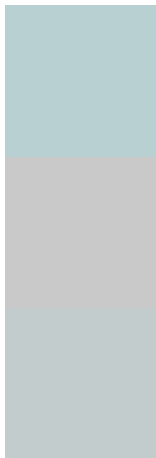
Original Color
12177618

Protanomaly
13028560

Deuteranomaly
13617619

Tritanomaly
12242906

Monochromacy



Original Color
12177618

Achromatopsia
13224393

Achromatomaly
12831948

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12177618 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 #B9D0D2 looks like.

```
.text, #text, p{  
    color:#B9D0D2  
}
```

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 #B9D0D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9D0D2
}
```

Border

The CSS property to change the border of an element to Decimal 12177618 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
#B9D0D2 }
```

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

```
.border{ border-color:#B9D0D2 }
```

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

Here you see how a box with a 4 pixel #B9D0D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9D0D2; -webkit-box-shadow:4px 4px  
4px 4px #B9D0D2; box-shadow:4px 4px 4px  
4px #B9D0D2 }
```

Background

The CSS property to change the background color of an element to Decimal 12177618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9D0D2 }
```

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

```
.background{ background-color:#B9D0D2 }
```

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