

Converting Colors

Decimal(11518412)

Have a look what the booklet for
Decimal(11518412) contains.

Decimal(11518412)	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(11518412)

Conversions

Conversions Part 1

Format	Color
Hex	AFC1CC
RGB	175, 193, 204
RGB Percent	69%, 76%, 80%
CMY	0.3137, 0.2431, 0.2000
CMYK	0.14, 0.05, 0.00, 0.20
HSL	203°, 22%, 74%
HSV	203°, 14%, 80%
XYZ	47.6482, 51.6135, 64.5778
YIQ	188.8720, -14.2590, -0.3950

Conversions

Conversions Part 2

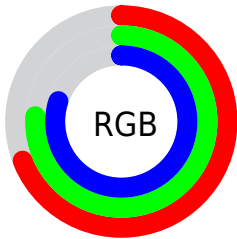
Format	Color
R _Y B	175, 186, 204
Decimal	11518412
CIE Lab	77.05, -3.88, -7.61
CIE LCh	77, 8.538, 242.996
Yxy	51.6135, 0.2908, 0.3150
Android (android.graphics.Color)	4289708492 (0xFFAFC1CC)
YUV	188.8720, 7.4581, -12.1657
Hunter-Lab	71.8426, -7.3376, -3.0048

Details

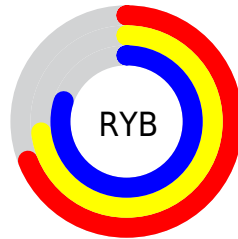
The Decimal color **11518412** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **13417135**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **15202815**, and **8031382** is the 20% darker color. If you saturate the color by 10%, you get **10205644**, and if you desaturate by 10%, it is **12831180**.

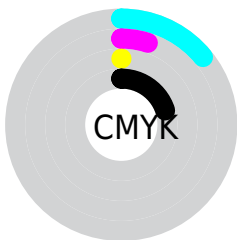
Distribution



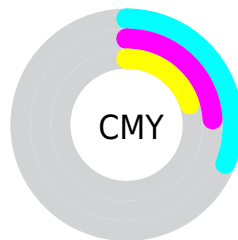
- Red (69%)
- Green (76%)
- Blue (80%)



- Red (69%)
- Yellow (73%)
- Blue (80%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11518412 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 11518412 by changing the saturation by 10% instead.

■ 11518412

■ 11518412

16777215

■ 9742001

■ 15202815

■ 8031382

■ 6386300

■ 4807267

■ 3293771

■ 1846325

■ 399391

■ 6

■ 0

■ 11518412

■ 11518412

■ 10205644

■ 12831180

■ 8827596

■ 14209228

■ 7514828

■ 15521996

■ 6136524

■ 16769228

■ 4823756

■ 16771276

■ 3511244

■ 16773068

■ 2132940

■ 16775116

■ 820172

■ 16777164

■ 32716

Harmonies

Analogous

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



11256774



11518412



12042190

Triad

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



11518412



13613502



12304561

Complementary

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



11518412



13417135

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.



12893871



11518412



13613750

Square

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



11518412



13286086



13417392



11715255

Rectangle

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



11518412



12500429



13417392



12501168

Sweetspot

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



11518412



16120831



11521210



7961984



0



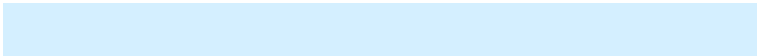
8421504

Same Dimension

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



11518412



13955071



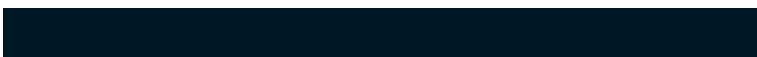
11514828



6054502



26534



6182

Inverse Universe

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



13414337



16766191



13420719



6708322



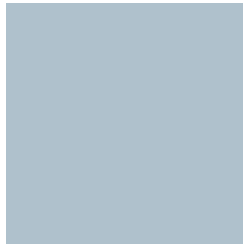
10879079



2490392

Previews

White Background



This preview shows how the Decimal color 11518412 looks on a white background.

Color Contrast Check

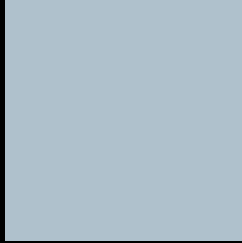
Large Text (above 18pt) WCAG AA × Fail

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 11518412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

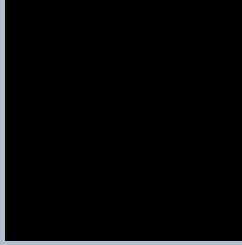
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

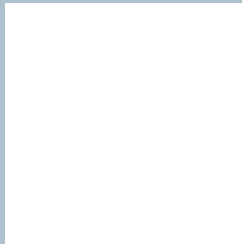
Any Text WCAG AAA ✓ Pass

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

Decimal 11518412 Background



This preview shows how black text looks on a background with the Decimal color 11518412.



This preview shows how white text looks on a background with the Decimal color 11518412.

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



Original Color
11518412

Protanopia
12500425

Deuteranopia
13220302



Tritanopia
11583696

Trichromacy



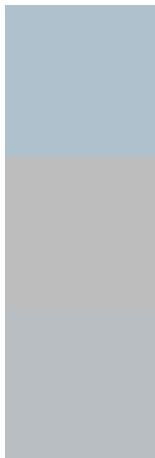
Original Color
11518412

Protanomaly
12173002

Deuteranomaly
12631245

Tritanomaly
11583695

Monochromacy



Original Color
11518412

Achromatopsia
12434877

Achromatomaly
12107458

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11518412 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 #AFC1CC looks like.

```
.text, #text, p{  
    color:#AFC1CC  
}
```

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 #AFC1CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFC1CC  
}
```

Border

The CSS property to change the border of an element to Decimal 11518412 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  
#AFC1CC }
```

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

```
.border{ border-color:#AFC1CC }
```

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

Here you see how a box with a 4 pixel #AFC1CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFC1CC; -webkit-box-shadow:4px 4px  
4px 4px #AFC1CC; box-shadow:4px 4px 4px  
4px #AFC1CC }
```

Background

The CSS property to change the background color of an element to Decimal 11518412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFC1CC }
```

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

```
.background{ background-color:#AFC1CC }
```

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