

Converting Colors

Decimal(11515836)

Have a look what the booklet for
Decimal(11515836) contains.

| | |
|--|----|
| Decimal(11515836) | 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(11515836)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AFB7BC |
| RGB | 175, 183, 188 |
| RGB Percent | 69%, 72%, 74% |
| CMY | 0.3137, 0.2824, 0.2627 |
| CMYK | 0.07, 0.03, 0.00, 0.26 |
| HSL | 203°, 9%, 71% |
| HSV | 203°, 7%, 74% |
| XYZ | 43.6898, 46.6118, 54.2712 |
| YIQ | 181.1780, -6.3730, -0.1410 |

Conversions

Conversions Part 2

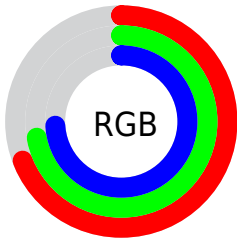
| Format | Color |
|-------------------------------------|---|
| RYB | 175, 180, 188 |
| Decimal | 11515836 |
| CIELab | 73.94, -1.80, -3.50 |
| CIELCh | 74, 3.938, 242.847 |
| Yxy | 46.6118, 0.3022, 0.3224 |
| Android (android.graphics.Color) | 4289705916 (0xFFAFB7BC) |
| YUV | 181.1780, 3.3632, -5.4181 |
| Hunter-Lab | 68.2728, -5.2500, 0.6603 |

Details

The Decimal color **11515836** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **12367023**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **15200244**, and **8094343** is the 20% darker color. If you saturate the color by 10%, you get **10268860**, and if you desaturate by 10%, it is **12762812**.

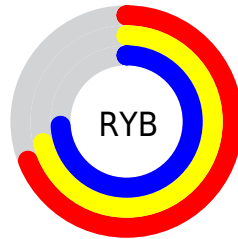
Distribution



Red (69%)

Green (72%)

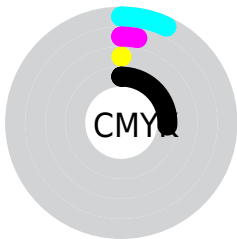
Blue (74%)



Red (69%)

Yellow (71%)

Blue (74%)

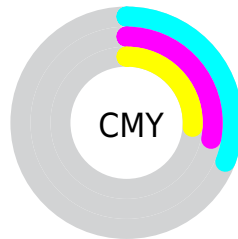


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (26%)



Cyan (31%)

Magenta (28%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11515836 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 11515836 by changing the saturation by 10% instead.

■ 11515836

■ 11515836

16777215

■ 9739425

■ 15200244

■ 8094343

■ 6449518

■ 4870485

■ 3357246

■ 1975336

■ 397076

■ 0

■ 11515836

■ 11515836

■ 10268860

■ 12762812

■ 9021884

■ 14009788

■ 7840188

■ 15191484

■ 6593212

■ 16438460

■ 5346236

■ 16767932

■ 4099260

■ 16769724

■ 2852028

■ 16771772

■ 1670588

■ 16773564

■ 423612

■ 16775356

Harmonies

Analogous

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



11385017



11515836



11777725

Triad

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



11515836



12432309



11843504

Complementary

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



11515836



12367023

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.



12170927



11515836



12498098

Square

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



11515836



12301497



12367023



11581618

Rectangle

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



11515836



11974076



12367023



11974319

Sweetspot

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



11515836



15791093



11517108



7895418



16448250



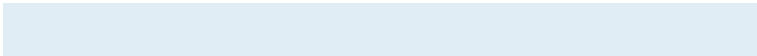
8026746

Same Dimension

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



11515836



14806517



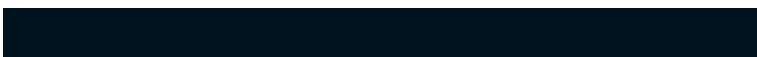
11514300



5593950



24990



4895

Inverse Universe

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



12365751



16114157



12368559



6182235



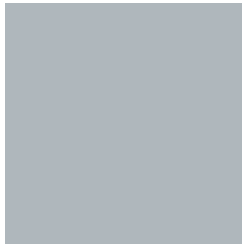
10354785



2031635

Previews

White Background



This preview shows how the Decimal color 11515836 looks on a white background.

Color Contrast Check

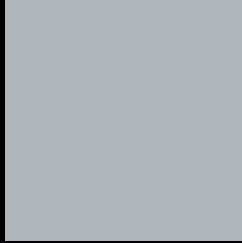
Large Text (above 18pt) WCAG AA × Fail

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 11515836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

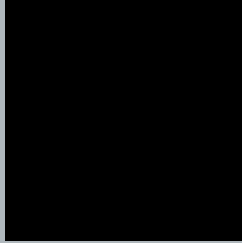
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

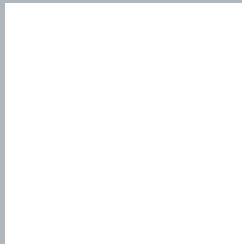
Any Text WCAG AAA ✓ Pass

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

Decimal 11515836 Background



This preview shows how black text looks on a background with the Decimal color 11515836.



This preview shows how white text looks on a background with the Decimal color 11515836.

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](#).

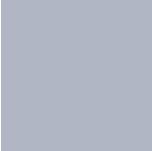
Dichromacy



Original Color
11515836

Protanopia
12039611

Deuteranopia
12890301



Tritanopia
11581124

Trichromacy



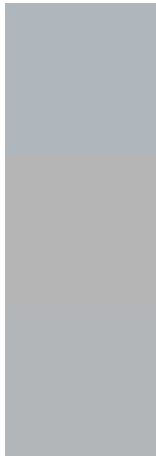
Original Color
11515836

Protanomaly
11843259

Deuteranomaly
12366781

Tritanomaly
11581121

Monochromacy



Original Color
11515836

Achromatopsia
11908533

Achromatomaly
11777720

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11515836 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 #AFB7BC looks like.

```
.text, #text, p{  
    color:#AFB7BC  
}
```

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 #AFB7BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB7BC
}
```

Border

The CSS property to change the border of an element to Decimal 11515836 is called "border". The border property can be set on classes, ids or directly on the HTML element.

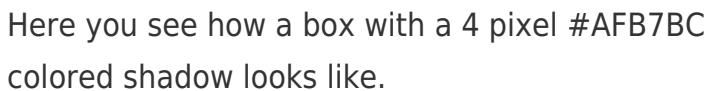
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AFB7BC }
```

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

```
.border{ border-color:#AFB7BC }
```

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



Here you see how a box with a 4 pixel #AFB7BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB7BC; -webkit-box-shadow:4px 4px  
4px 4px #AFB7BC; box-shadow:4px 4px 4px  
4px #AFB7BC }
```

Background

The CSS property to change the background color of an element to Decimal 11515836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB7BC }
```

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

```
.background{ background-color:#AFB7BC }
```

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