

Converting Colors

Decimal(12047580)

Have a look what the booklet for
Decimal(12047580) contains.

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Color

Decimal(12047580)

Conversions

Conversions Part 1

Format	Color
Hex	B7D4DC
RGB	183, 212, 220
RGB Percent	72%, 83%, 86%
CMY	0.2824, 0.1686, 0.1373
CMYK	0.17, 0.04, 0.00, 0.14
HSL	193°, 35%, 79%
HSV	193°, 17%, 86%
XYZ	55.9902, 62.3216, 76.7884
YIQ	204.2410, -19.8520, -3.6600

Conversions

Conversions Part 2

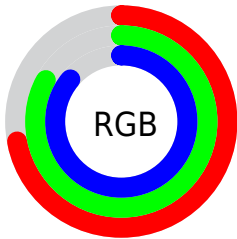
Format	Color
R _{YB}	183, 199, 220
Decimal	12047580
CIE Lab	83.08, -7.94, -7.19
CIE LCh	83, 10.714, 222.137
Yxy	62.3216, 0.2870, 0.3194
Android (android.graphics.Color)	4290237660 (0xFFB7D4DC)
YUV	204.2410, 7.7692, -18.6284
Hunter-Lab	78.9440, -11.5528, -2.4103

Details

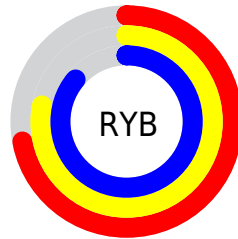
The Decimal color **12047580** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14466999**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **15728639**, and **8560037** is the 20% darker color. If you saturate the color by 10%, you get **10604508**, and if you desaturate by 10%, it is **13490652**.

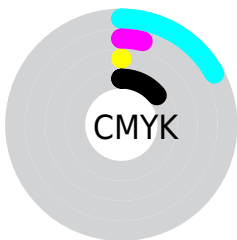
Distribution



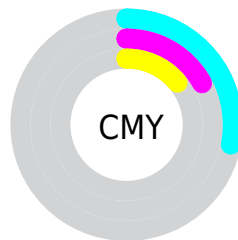
- Red (72%)
- Green (83%)
- Blue (86%)



- Red (72%)
- Yellow (78%)
- Blue (86%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12047580 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 12047580 by changing the saturation by 10% instead.



■ 12047580

■ 12047580

■ 10604508

■ 13490652

■ 9161436

■ 14933724

■ 7718620

■ 16376540

■ 6275548

■ 16771036

■ 4832476

■ 16772316

■ 3389404

■ 16773596

■ 1946588

■ 16774620

■ 503516

■ 16775900

■ 44252

■ 16777180

Harmonies

Analogous

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



12047827



12047580



12505826

Triad

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



12047580



14731733



13881531

Complementary

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



12047580



14466999

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.



14535868



12047580



15059147

Square

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



12047580



14076894



14993858



13095872

Rectangle

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



12047580



12963811



14993858



14143163

Sweetspot

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



12047580



15924479



12049598



7896704



0



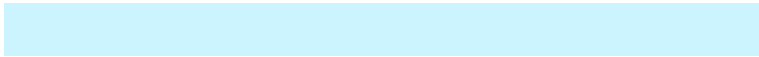
8421504

Same Dimension

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



12047580



13432063



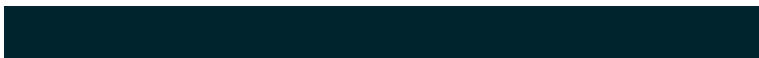
12042972



6515566



34989



9262

Inverse Universe

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



14464980



16764148



14471607



7234411



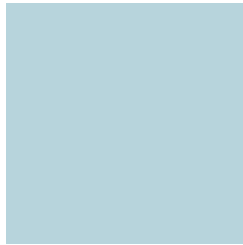
11337864



3014692

Previews

White Background



This preview shows how the Decimal color 12047580 looks on a white background.

Color Contrast Check

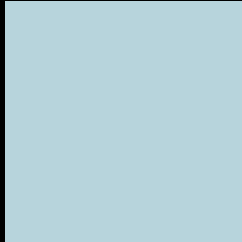
Large Text (above 18pt) WCAG AA × Fail

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 12047580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

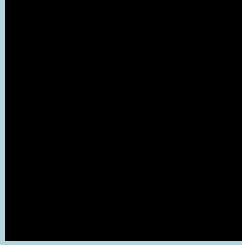
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

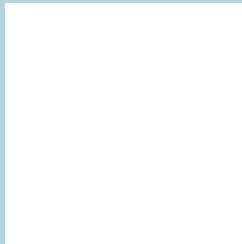
Any Text WCAG AAA ✓ Pass

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

Decimal 12047580 Background



This preview shows how black text looks on a background with the Decimal color 12047580.

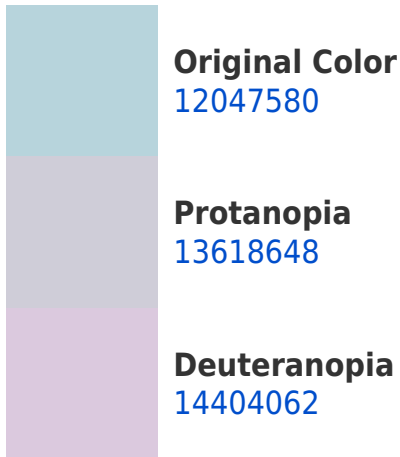


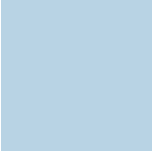
This preview shows how white text looks on a background with the Decimal color 12047580.

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](#).

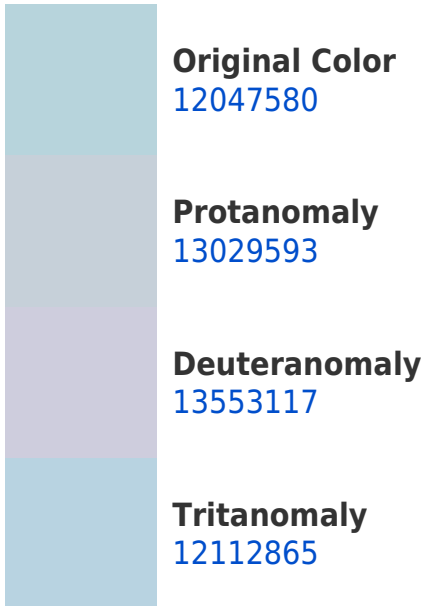
Dichromacy





Tritanopia
12112868

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12047580 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 #B7D4DC looks like.

```
.text, #text, p{  
    color:#B7D4DC  
}
```

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 #B7D4DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D4DC
}
```

Border

The CSS property to change the border of an element to Decimal 12047580 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
#B7D4DC }
```

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

```
.border{ border-color:#B7D4DC }
```

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

Here you see how a box with a 4 pixel #B7D4DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D4DC; -webkit-box-shadow:4px 4px  
4px 4px #B7D4DC; box-shadow:4px 4px 4px  
4px #B7D4DC }
```

Background

The CSS property to change the background color of an element to Decimal 12047580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D4DC }
```

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

```
.background{ background-color:#B7D4DC }
```

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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