

# Converting Colors

Decimal(12047585)

Have a look what the booklet for  
Decimal(12047585) contains.

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# **Color**

**Decimal(12047585)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7D4E1
RGB	183, 212, 225
RGB Percent	72%, 83%, 88%
CMY	0.2824, 0.1686, 0.1176
CMYK	0.19, 0.06, 0.00, 0.12
HSL	199°, 41%, 80%
HSV	199°, 19%, 88%
XYZ	56.6625, 62.5905, 80.3289
YIQ	204.8110, -21.4570, -2.1050

# Conversions

## Conversions Part 2

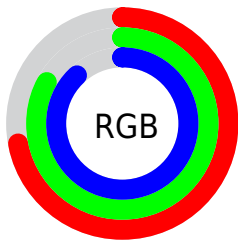
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 200, 225
Decimal	12047585
CIELab	83.23, -6.89, -9.64
CIELCh	83, 11.845, 234.450
Yxy	62.5905, 0.2839, 0.3136
Android (android.graphics.Color)	4290237665 (0xFFB7D4E1)
YUV	204.8110, 9.9532, -19.1282
Hunter-Lab	79.1142, -10.6059, -4.8205

# Details

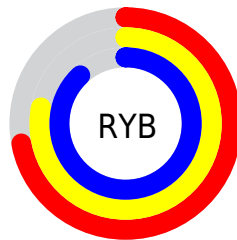
The Decimal color **12047585** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14795959**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **15728639**, and **8494506** is the 20% darker color. If you saturate the color by 10%, you get **10604001**, and if you desaturate by 10%, it is **13556705**.

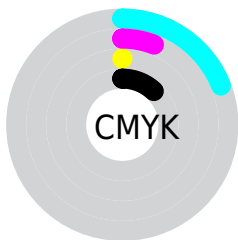
# Distribution



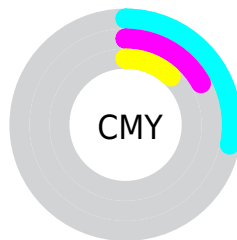
- Red (72%)
- Green (83%)
- Blue (88%)



- Red (72%)
- Yellow (78%)
- Blue (88%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (17%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12047585 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 12047585 by changing the saturation by 10% instead.



■ 12047585

16777215

■ 15728639

■ 12047585

■ 10270917

■ 8494506

■ 6849423

■ 5204598

■ 3625565

■ 2112325

■ 533807

■ 4378

■ 0

■ 12047585

■ 12047585

■ 10604001

■ 13556705

■ 9094881

■ 15000289

■ 7651297

■ 16509409

■ 6142177

■ 16773345

■ 4698593

■ 16775137

■ 3189473

■ 16776929

■ 1745889

■ 16777185

■ 236769

■ 39905

# Harmonies

## Analogous

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



11851480



12047585



12702181

# Triad

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



12047585



15059154



13619643

# Complementary

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



12047585



14795959

# 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.



14405305



12047585



15255751

# Square

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



12047585



14469852



14994110



12768450

# Rectangle

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



12047585



13291237



14994110



13881530



# Sweetspot

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



12047585



15792895



12050884



7830912



0



8421504

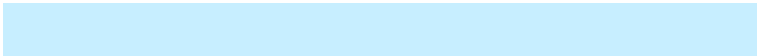


# Same Dimension

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



12047585



13102847



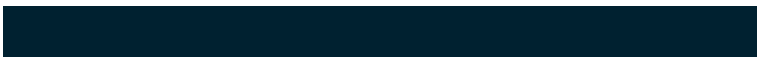
12042209



6647152



31152



8496



# Inverse Universe

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



14792660



16762862



14801335



7365997



11534457

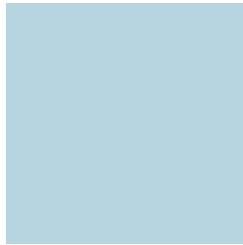


3145761



# Previews

## White Background



This preview shows how the Decimal color 12047585 looks on a white background.

## Color Contrast Check

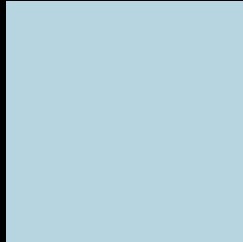
Large Text (above 18pt) WCAG AA × Fail

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 12047585 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

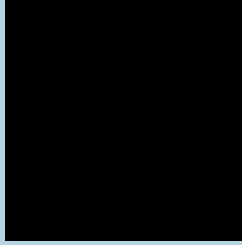
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

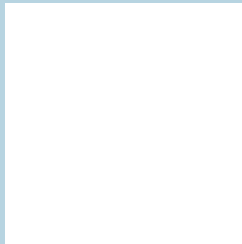
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 12047585 Background



This preview shows how black text looks on a background with the Decimal color 12047585.



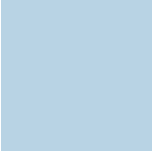
This preview shows how white text looks on a background with the Decimal color 12047585.

# 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](#).

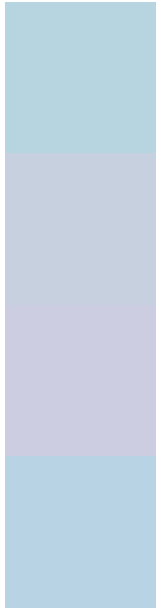
## Dichromacy





**Tritanopia**  
12112868

# Trichromacy



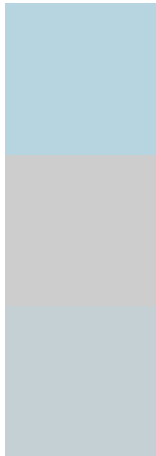
**Original Color**  
12047585

**Protanomaly**  
13029598

**Deuteranomaly**  
13487586

**Tritanomaly**  
12112867

# Monochromacy



**Original Color**  
12047585

**Achromatopsia**  
13487565

**Achromatomaly**  
12964052

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12047585 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 #B7D4E1 looks like.

```
.text, #text, p{  
    color:#B7D4E1  
}
```

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 #B7D4E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D4E1  
}
```

## Border

The CSS property to change the border of an element to Decimal 12047585 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  
#B7D4E1 }
```

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

```
.border{ border-color:#B7D4E1 }
```

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

Here you see how a box with a 4 pixel #B7D4E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D4E1; -webkit-box-shadow:4px 4px  
4px 4px #B7D4E1; box-shadow:4px 4px 4px  
4px #B7D4E1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12047585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D4E1 }
```

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

```
.background{ background-color:#B7D4E1 }
```

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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