

Converting Colors

Decimal(12507375)

Have a look what the booklet for
Decimal(12507375) contains.

Decimal(12507375)	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(12507375)

Conversions

Conversions Part 1

Format	Color
Hex	BED8EF
RGB	190, 216, 239
RGB Percent	75%, 85%, 94%
CMY	0.2549, 0.1529, 0.0627
CMYK	0.21, 0.10, 0.00, 0.06
HSL	208°, 60%, 84%
HSV	208°, 21%, 94%
XYZ	61.3711, 66.2909, 91.2222
YIQ	210.8480, -22.8790, 1.6410

Conversions

Conversions Part 2

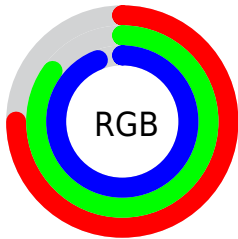
Format	Color
R_{YB}	190, 207, 239
Decimal	12507375
CIE Lab	85.14, -3.81, -14.16
CIE LCh	85, 14.659, 254.945
Yxy	66.2909, 0.2804, 0.3029
Android (android.graphics.Color)	4290697455 (0xFFBED8EF)
YUV	210.8480, 13.8789, -18.2837
Hunter-Lab	81.4192, -7.9363, -9.4351

Details

The Decimal color **12507375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **15717822**, and the grayscale version is **13882323**.

A 20% lighter version of the original color is **16252927**, and **8954295** is the 20% darker color. If you saturate the color by 10%, you get **10931695**, and if you desaturate by 10%, it is **14083055**.

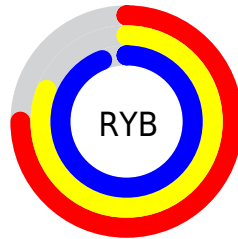
Distribution



Red (75%)

Green (85%)

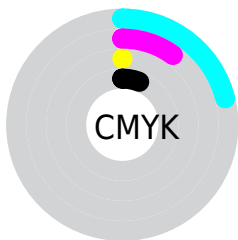
Blue (94%)



Red (75%)

Yellow (81%)

Blue (94%)

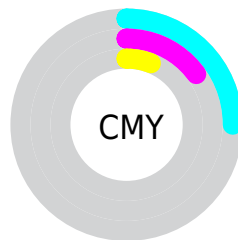


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (15%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12507375 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 12507375 by changing the saturation by 10% instead.

 12507375	 12507375
16777215	 10730707
 16252927	 8954295
	 7243676
	 5598850
	 4019561
	 2440785
	 796986
	 5156
	 270

■ 12507375

■ 12507375

■ 10931695

■ 14083055

■ 9356015

■ 15658735

■ 7780079

■ 16775919

■ 6204399

■ 16777199

■ 4694255

■ 3118575

■ 1542639

■ 32751

Harmonies

Analogous

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



11787240



12507375



13620207

Triad

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



12507375



15911886



13228737

Complementary

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



12507375



15717822

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.



14276282



12507375



15781314

Square

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



12507375



15584476



15192506



12246221

Rectangle

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



12507375



14340331



15192506



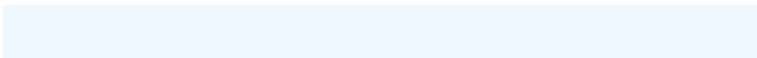
13556158

Sweetspot

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



12507375



15792383



12513237



7830400



0



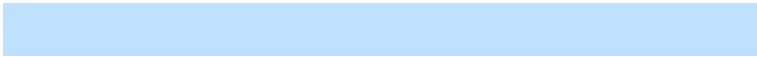
8421504

Same Dimension

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



12507375



12575231



12501231



7107192



25016



7736

Inverse Universe

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



15711960



16760801



15723966



7892082



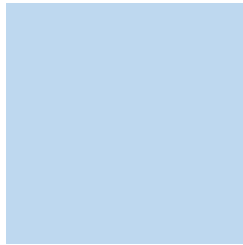
12058721



3670046

Previews

White Background



This preview shows how the Decimal color 12507375 looks on a white background.

Color Contrast Check

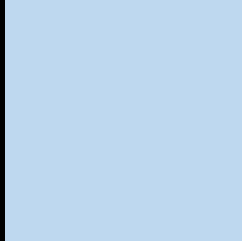
Large Text (above 18pt) WCAG AA × Fail

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 12507375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

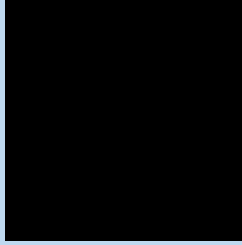
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

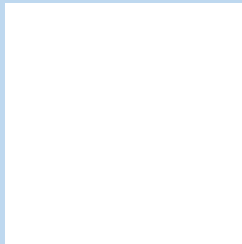
Any Text WCAG AAA ✓ Pass

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

Decimal 12507375 Background



This preview shows how black text looks on a background with the Decimal color 12507375.

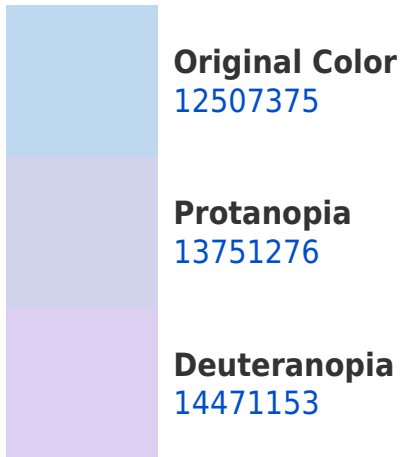


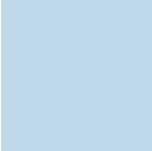
This preview shows how white text looks on a background with the Decimal color 12507375.

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



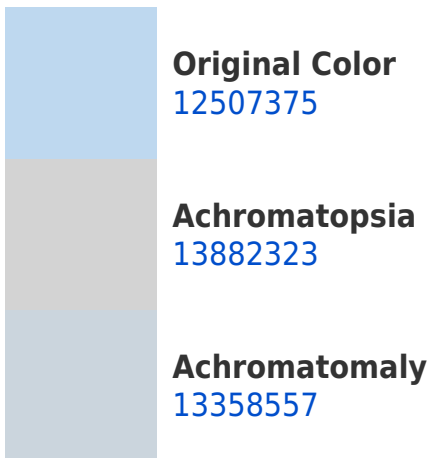


Tritanopia
12442090

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12507375 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 #BED8EF looks like.

```
.text, #text, p{  
    color:#BED8EF  
}
```

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 #BED8EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BED8EF
}
```

Border

The CSS property to change the border of an element to Decimal 12507375 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
#BED8EF }
```

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

```
.border{ border-color:#BED8EF }
```

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

Here you see how a box with a 4 pixel #BED8EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BED8EF; -webkit-box-shadow:4px 4px  
4px 4px #BED8EF; box-shadow:4px 4px 4px  
4px #BED8EF }
```

Background

The CSS property to change the background color of an element to Decimal 12507375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BED8EF }
```

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

```
.background{ background-color:#BED8EF }
```

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