

Converting Colors

Decimal(12369640)

Have a look what the booklet for
Decimal(12369640) contains.

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Color

Decimal(12369640)

Conversions

Conversions Part 1

Format	Color
Hex	BCBEE8
RGB	188, 190, 232
RGB Percent	74%, 75%, 91%
CMY	0.2627, 0.2549, 0.0902
CMYK	0.19, 0.18, 0.00, 0.09
HSL	237°, 49%, 82%
HSV	237°, 19%, 91%
XYZ	53.7180, 53.3445, 83.8092
YIQ	194.1900, -14.6740, 12.6380

Conversions

Conversions Part 2

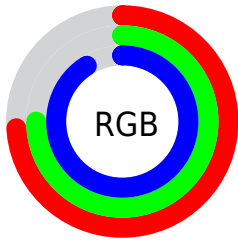
Format	Color
R_{YB}	188, 190, 232
Decimal	12369640
CIE _{Lab}	78.08, 7.89, -21.09
CIE _{LCh}	78, 22.513, 290.502
Y _{xy}	53.3445, 0.2814, 0.2795
Android (android.graphics.Color)	4290559720 (0xFFBCBEE8)
YUV	194.1900, 18.6403, -5.4286
Hunter-Lab	73.0373, 3.4691, -16.9083

Details

The Decimal color **12369640** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15263420**, and the grayscale version is **12763842**.

A 20% lighter version of the original color is **16119551**, and **8817072** is the 20% darker color. If you saturate the color by 10%, you get **10856680**, and if you desaturate by 10%, it is **13882600**.

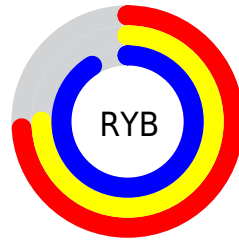
Distribution



Red (74%)

Green (75%)

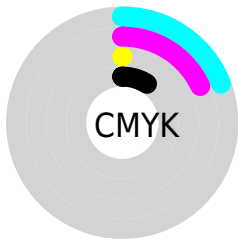
Blue (91%)



Red (74%)

Yellow (75%)

Blue (91%)

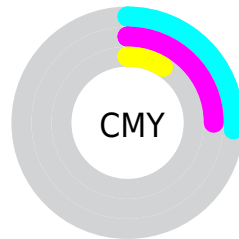


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (9%)



Cyan (26%)

Magenta (25%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12369640 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 12369640 by changing the saturation by 10% instead.

■ 12369640

■ 12369640

16777215

■ 10593228

■ 16119551

■ 8817072

■ 7106454

■ 5527420

■ 3948643

■ 2370123

■ 857652

■ 543

■ 1

 12369640

 12369640

 10856680

 13882600

 9343720

 15395560


 7765224

 16777192

 6252008

 4739048

 3226088

 1713128

 134632

 3048

Harmonies

Analogous

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



10536426



12369640



14071772

Triad

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



12369640



15185826



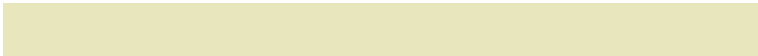
9751993

Complementary

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



12369640



15263420

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.



11192998



12369640



14138776

Square

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



12369640



15578035



12764314



8965583

Rectangle

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



12369640



14857424



12764314



10210482

Sweetspot

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



12369640



15790335



12380390



7829376



0



8421504

Same Dimension

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



12369640



12896255



13679848



6776947



2227



563

Inverse Universe

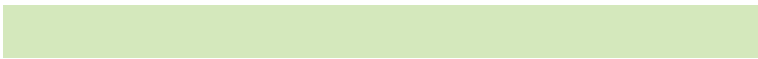
The Inverse Universe completely reimagines the original color for something new.



15252670



16762055



13953212



7563112



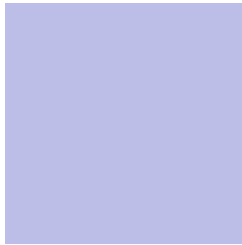
11730952



3342338

Previews

White Background



This preview shows how the Decimal color 12369640 looks on a white background.

Color Contrast Check

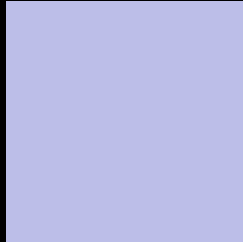
Large Text (above 18pt) WCAG AA × Fail

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 12369640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

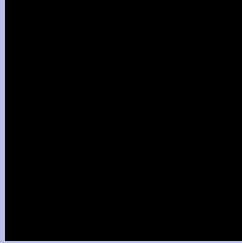
Any Text WCAG AA ✓ Pass

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 12369640 Background



This preview shows how black text looks on a background with the Decimal color 12369640.



This preview shows how white text looks on a background with the Decimal color 12369640.

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](#).

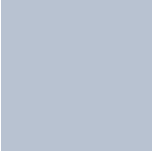
Dichromacy



Original Color
12369640

Protanopia
12107753

Deuteranopia
12631528



Tritanopia
12108497

Trichromacy



Original Color
12369640

Protanomaly
12173289

Deuteranomaly
12565992

Tritanomaly
12173785

Monochromacy



Original Color
12369640

Achromatopsia
12763842

Achromatomaly
12632528

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12369640 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 #BCBEE8 looks like.

```
.text, #text, p{  
    color:#BCBEE8  
}
```

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 #BCBEE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCBEE8
}
```

Border

The CSS property to change the border of an element to Decimal 12369640 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
#BCBEE8 }
```

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

```
.border{ border-color:#BCBEE8 }
```

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

Here you see how a box with a 4 pixel #BCBEE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCBEE8; -webkit-box-shadow:4px 4px  
4px 4px #BCBEE8; box-shadow:4px 4px 4px  
4px #BCBEE8 }
```

Background

The CSS property to change the background color of an element to Decimal 12369640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCBEE8 }
```

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

```
.background{ background-color:#BCBEE8 }
```

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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