

# Converting Colors

Decimal(12240364)

Have a look what the booklet for  
Decimal(12240364) contains.

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# **Color**

**Decimal(12240364)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAC5EC
RGB	186, 197, 236
RGB Percent	73%, 77%, 93%
CMY	0.2706, 0.2275, 0.0745
CMYK	0.21, 0.17, 0.00, 0.07
HSL	227°, 57%, 83%
HSV	227°, 21%, 93%
XYZ	55.3563, 56.4277, 87.3309
YIQ	198.1570, -19.0750, 9.7970

# Conversions

## Conversions Part 2

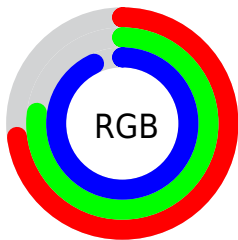
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	186, 195, 236
Decimal	12240364
CIE Lab	79.86, 4.38, -20.55
CIE LCh	80, 21.014, 282.028
Yxy	56.4277, 0.2780, 0.2834
Android (android.graphics.Color)	4290430444 (0xFFBAC5EC)
YUV	198.1570, 18.6566, -10.6617
Hunter-Lab	75.1184, 0.0831, -16.3463

# Details

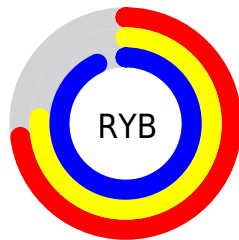
The Decimal color **12240364** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15524282**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **15990527**, and **8687540** is the 20% darker color. If you saturate the color by 10%, you get **10662892**, and if you desaturate by 10%, it is **13817836**.

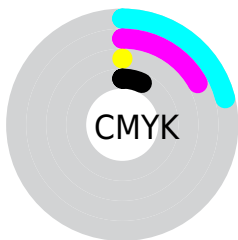
# Distribution



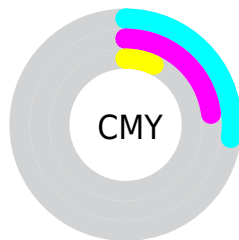
- Red (73%)
- Green (77%)
- Blue (93%)



- Red (73%)
- Yellow (76%)
- Blue (93%)



- Cyan (21%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (27%)
- Magenta (23%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12240364 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 12240364 by changing the saturation by 10% instead.



■ 12240364

■ 12240364

16777215

■ 10463952

■ 15990527

■ 8687540

■ 6977177

■ 5332351

■ 3753574

■ 2174798

■ 531255

■ 34

■ 7

■ 12240364

■ 12240364

■ 10662892

■ 13817836

■ 9150700

■ 15330028

■ 7573228

■ 16776428

■ 6061036

■ 16777196

■ 4483564

■ 2906092

■ 1393900

■ 13548

# Harmonies

## Analogous

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



10603499



12240364



13876963

# Triad

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



12240364



15514541



10604729

# Complementary

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



12240364



15524282

# 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.



12045736



12240364



14729633

# Square

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



12240364



15710399



13485984



9687501

# Rectangle

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



12240364



14793689



13485984



11063219



# Sweetspot

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



12240364



15791103



12250336



7829888



0



8421504



# Same Dimension

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



12240364



12570111



13089516



6974581



10421



3126



# Inverse Universe

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



15514309



16760781



14675130



7694956



11862056

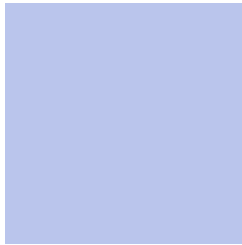


3538956



# Previews

## White Background



This preview shows how the Decimal color 12240364 looks on a white background.

## Color Contrast Check

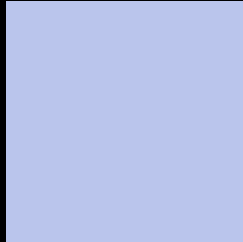
Large Text (above 18pt) WCAG AA × Fail

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 12240364 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

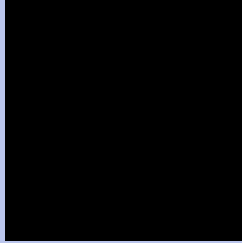
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Decimal 12240364 Background



This preview shows how black text looks on a background with the Decimal color 12240364.

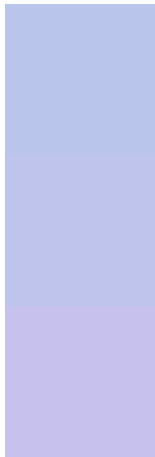


This preview shows how white text looks on a background with the Decimal color 12240364.

# 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**  
12240364

**Protanopia**  
12502251

**Deuteranopia**  
13025773



**Tritanopia**  
11978968

# Trichromacy



**Original Color**  
12240364

**Protanomaly**  
12436715

**Deuteranomaly**  
12763885

**Tritanomaly**  
12044255

# Monochromacy



**Original Color**  
12240364

**Achromatopsia**  
13027014

**Achromatomaly**  
12764884

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12240364 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 #BAC5EC looks like.

```
.text, #text, p{  
    color:#BAC5EC  
}
```

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 #BAC5EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAC5EC  
}
```

## Border

The CSS property to change the border of an element to Decimal 12240364 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  
#BAC5EC }
```

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

```
.border{ border-color:#BAC5EC }
```

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

Here you see how a box with a 4 pixel #BAC5EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAC5EC; -webkit-box-shadow:4px 4px  
4px 4px #BAC5EC; box-shadow:4px 4px 4px  
4px #BAC5EC }
```

# Background

The CSS property to change the background color of an element to Decimal 12240364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAC5EC }
```

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

```
.background{ background-color:#BAC5EC }
```

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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