

# Converting Colors

Decimal(11324396)

Have a look what the booklet for  
Decimal(11324396) contains.

<b>Decimal(11324396)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(11324396)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACCBECC
RGB	172, 203, 236
RGB Percent	67%, 80%, 93%
CMY	0.3255, 0.2039, 0.0745
CMYK	0.27, 0.14, 0.00, 0.07
HSL	211°, 63%, 80%
HSV	211°, 27%, 93%
XYZ	53.5095, 57.5387, 87.6427
YIQ	197.4930, -29.0690, 3.6910

# Conversions

## Conversions Part 2

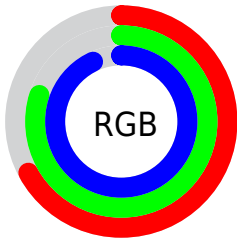
Format	Color
R <sub>Y</sub> B	172, 193, 236
Decimal	11324396
CIE Lab	80.48, -3.01, -19.70
CIE LCh	80, 19.925, 261.309
Yxy	57.5387, 0.2693, 0.2896
Android (android.graphics.Color)	4289514476 (0xFFACCBEC)
YUV	197.4930, 18.9840, -22.3574
Hunter-Lab	75.8542, -6.8265, -15.4063

# Details

The Decimal color **11324396** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **15519148**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **15007743**, and **7771572** is the 20% darker color. If you saturate the color by 10%, you get **9748460**, and if you desaturate by 10%, it is **12900332**.

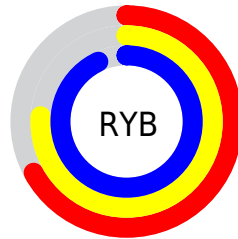
# Distribution



Red (67%)

Green (80%)

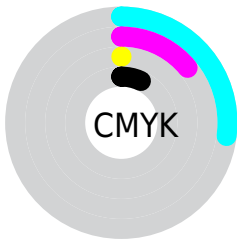
Blue (93%)



Red (67%)

Yellow (76%)

Blue (93%)

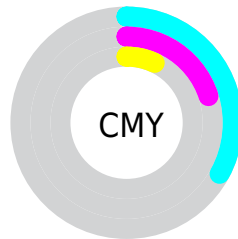


Cyan (27%)

Magenta (14%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (20%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11324396 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 11324396 by changing the saturation by 10% instead.



■ 11324396

■ 11324396

16777215

■ 9547984

■ 15007743

■ 7771572

■ 6060953

■ 4416127

■ 2771814

■ 930894

■ 7991

■ 1314

■ 8

■ 11324396

■ 11324396

■ 9748460

■ 12900332

■ 8238060

■ 14410732

■ 6661868

■ 15986924

■ 5151468

■ 16776428

■ 3575532

■ 16777196

■ 1999596

■ 489196

■ 29420

# Harmonies

## Analogous

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



10146020



11324396



12895722

# Triad

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



11324396



15711163



11784112

# Complementary

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



11324396



15519148

# 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.



13159333



11324396



15384491

# Square

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



11324396



15383502



14468515



10539713

# Rectangle

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



11324396



13943268



14468515



12242603

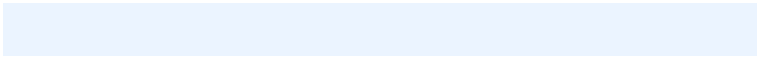


# Sweetspot

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



11324396



15463679



11332812



7567744



0



8421504

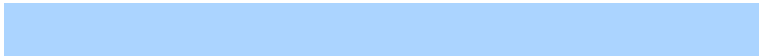


# Same Dimension

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



11324396



11261183



11316460



6975349



22709



6710



# Inverse Universe

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



15510731



16755668



15527084



7694959



11862104

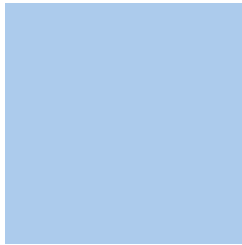


3538970



# Previews

## White Background



This preview shows how the Decimal color 11324396 looks on a white background.

## Color Contrast Check

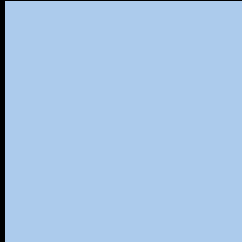
Large Text (above 18pt) WCAG AA × Fail

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 11324396 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

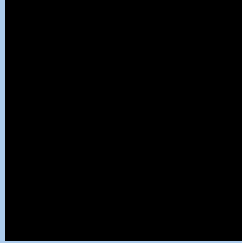
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

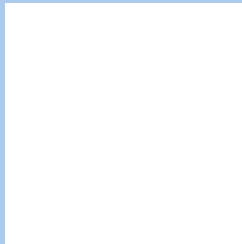
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11324396 Background



This preview shows how black text looks on a background with the Decimal color 11324396.

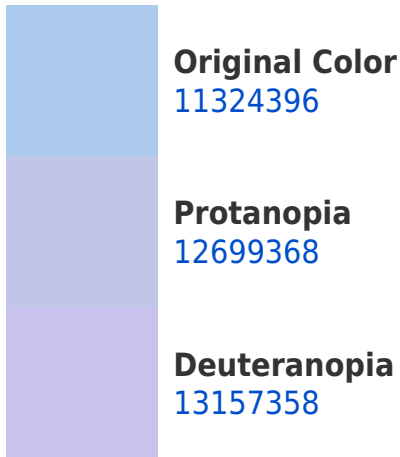


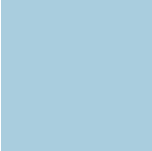
This preview shows how white text looks on a background with the Decimal color 11324396.

# 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](#).

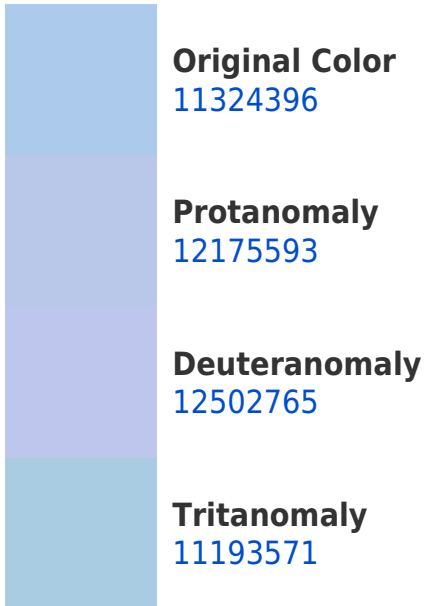
## Dichromacy



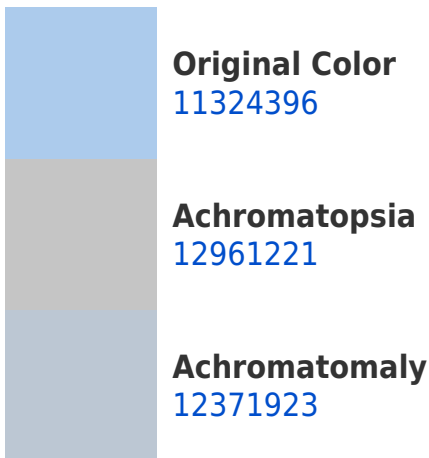


**Tritanopia**  
11128286

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11324396 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 #ACCBEC looks like.

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

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 #ACCBEC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 11324396 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
#ACCBEC }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 11324396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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