

# Converting Colors

Decimal(10472596)

Have a look what the booklet for  
Decimal(10472596) contains.

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# **Color**

**Decimal(10472596)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9FCC94
RGB	159, 204, 148
RGB Percent	62%, 80%, 58%
CMY	0.3765, 0.2000, 0.4196
CMYK	0.22, 0.00, 0.27, 0.20
HSL	108°, 35%, 69%
HSV	108°, 27%, 80%
XYZ	41.2362, 52.6948, 36.0147
YIQ	184.1610, -8.8440, -26.9560

# Conversions

## Conversions Part 2

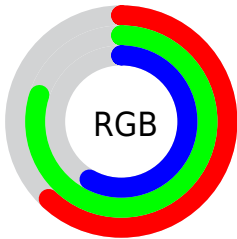
Format	Color
<a href="#">RYB</a>	<a href="#">148, 204, 193</a>
Decimal	<a href="#">10472596</a>
CIELab	<a href="#">77.69, -25.34, 23.23</a>
CIElCh	<a href="#">78, 34.374, 137.491</a>
Yxy	<a href="#">52.6948, 0.3173, 0.4055</a>
Android (android.graphics.Color)	<a href="#">4288662676</a> ( <a href="#">0xFF9FCC94</a> )
YUV	<a href="#">184.1610, -17.8274, -22.0662</a>
Hunter-Lab	<a href="#">72.5912, -25.6356, 21.3982</a>

# Details

The Decimal color **10472596** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **12686540**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **14090186**, and **6985313** is the 20% darker color. If you saturate the color by 10%, you get **9424000**, and if you desaturate by 10%, it is **11521192**.

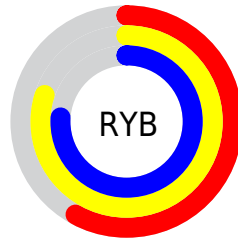
# Distribution



Red (62%)

Green (80%)

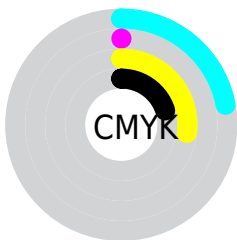
Blue (58%)



Red (58%)

Yellow (80%)

Blue (76%)

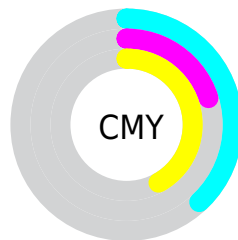


Cyan (22%)

Magenta (0%)

Yellow (27%)

Black (20%)



Cyan (38%)

Magenta (20%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10472596 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 10472596 by changing the saturation by 10% instead.



 10472596

 10472596

16777215

 8695930

 14090186

 6985313

 15990759

 5340233

 3760690

 2181660

 471812

 8192

 0

 10472596

 10472596

 9424000

 11521192

 8309867

 12635325

 7261271

 13683921

 6147138

 14798054

 5098542

 15846650

 4049946

 16764159

 2935813

 2673664

# Harmonies

## Analogous

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



12829827



10472596



7983537

# Triad

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



10472596



8505342



16755118

# Complementary

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



10472596



12686540

# 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.



16165327



10472596



11714045

# Square

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



10472596



6082286



14397931



16297874

# Rectangle

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



10472596



6542023



14397931



16754873



# Sweetspot

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



10472596



15728619



13418900



7700595



0



8421504

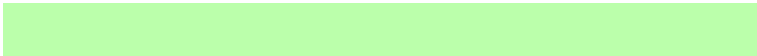


# Same Dimension

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



10472596



12320683



9751717



6186588



2205184



534016



# Inverse Universe

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



12686540



15641599



13407419



6577254



8716454



2031654



# Previews

## White Background



This preview shows how the Decimal color 10472596 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 10472596 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

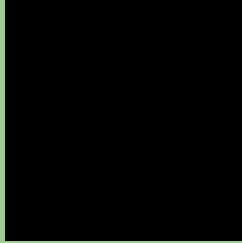
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10472596 Background



This preview shows how black text looks on a background with the Decimal color 10472596.



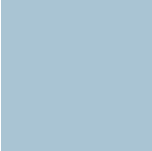
This preview shows how white text looks on a background with the Decimal color 10472596.

# 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**  
11125971

# Trichromacy



**Original Color**  
10472596

**Protanomaly**  
12371088

**Deuteranomaly**  
13156247

**Tritanomaly**  
10864572

# Monochromacy



**Original Color**  
10472596

**Achromatopsia**  
12105912

**Achromatomaly**  
11517867

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10472596 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 #9FCC94 looks like.

```
.text, #text, p{  
    color:#9FCC94  
}
```

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 #9FCC94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FCC94
}
```

## Border

The CSS property to change the border of an element to Decimal 10472596 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
#9FCC94 }
```

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

```
.border{ border-color:#9FCC94 }
```

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

Here you see how a box with a 4 pixel #9FCC94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FCC94; -webkit-box-shadow:4px 4px  
4px 4px #9FCC94; box-shadow:4px 4px 4px  
4px #9FCC94 }
```

# Background

The CSS property to change the background color of an element to Decimal 10472596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FCC94 }
```

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

```
.background{ background-color:#9FCC94 }
```

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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