

# Converting Colors

Decimal(10736518)

Have a look what the booklet for  
Decimal(10736518) contains.

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# **Color**

**Decimal(10736518)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3D386
RGB	163, 211, 134
RGB Percent	64%, 83%, 53%
CMY	0.3608, 0.1725, 0.4745
CMYK	0.23, 0.00, 0.36, 0.17
HSL	97°, 47%, 68%
HSV	97°, 36%, 83%
XYZ	42.7016, 56.0963, 31.1313
YIQ	187.8700, -3.8910, -34.1230

# Conversions

## Conversions Part 2

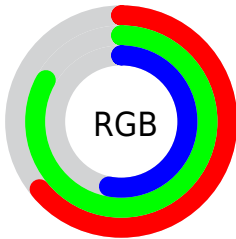
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 211, 182
Decimal	10736518
CIELab	79.67, -29.42, 33.19
CIELCh	80, 44.349, 131.553
Yxy	56.0963, 0.3287, 0.4317
Android (android.graphics.Color)	4288926598 (0xFFA3D386)
YUV	187.8700, -26.5579, -21.8110
Hunter-Lab	74.8975, -29.3016, 27.7842

# Details

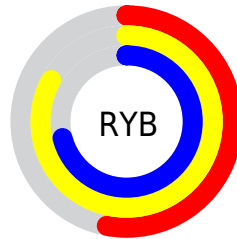
The Decimal color **10736518** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **11962067**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **14417852**, and **7248979** is the 20% darker color. If you saturate the color by 10%, you get **9884529**, and if you desaturate by 10%, it is **11588507**.

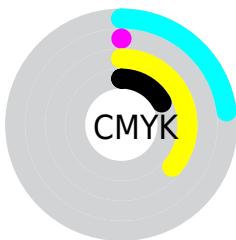
# Distribution



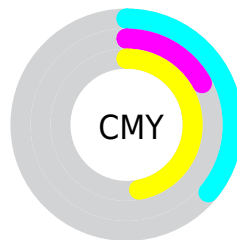
- Red (64%)
- Green (83%)
- Blue (53%)



- Red (53%)
- Yellow (83%)
- Blue (71%)



- Cyan (23%)
- Magenta (0%)
- Yellow (36%)
- Black (17%)



- Cyan (36%)
- Magenta (17%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10736518 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 10736518 by changing the saturation by 10% instead.



 10736518  10736518

16777215  8959852

 14417852  7248979

 16318424  5538363

 16777205  3893539

 2183178

 538880

 9216

 0

 10736518  10736518

 9884529

 11588507

 9032540

 12440496

 8180551

 13292485

 7263026

 14210010

 6411037

 15062000

 5559047

 15913983

 5231360

 16765951

# Harmonies

## Analogous

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



13748339



10736518



7264938

# Triad

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



10736518



5689855



16754103

# Complementary

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



10736518



11962067

# 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.



16754913



10736518



10732799

# Square

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



10736518



55803



14661119



16755857

# Rectangle

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



10736518



4381638



14661119



16754117



# Sweetspot

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



10736518



15663075



13874566



7700591



0



8421504

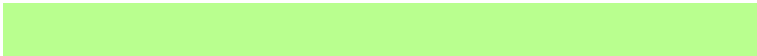


# Same Dimension

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



10736518



12189583



8835983



6449502



4171776



993536



# Inverse Universe

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



11962067



13996031



13862602



6643305



6881448



1638441



# Previews

## White Background



This preview shows how the Decimal color 10736518 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 10736518 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

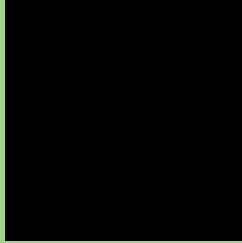
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10736518 Background



This preview shows how black text looks on a background with the Decimal color 10736518.

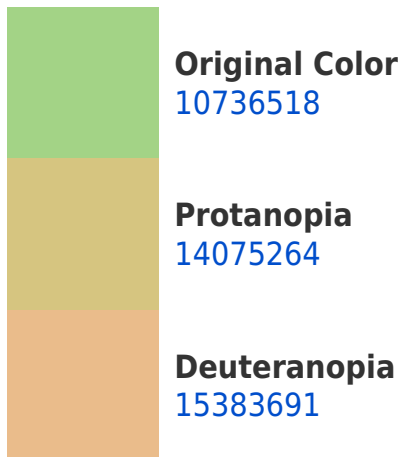


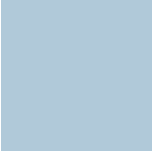
This preview shows how white text looks on a background with the Decimal color 10736518.

# 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](#).

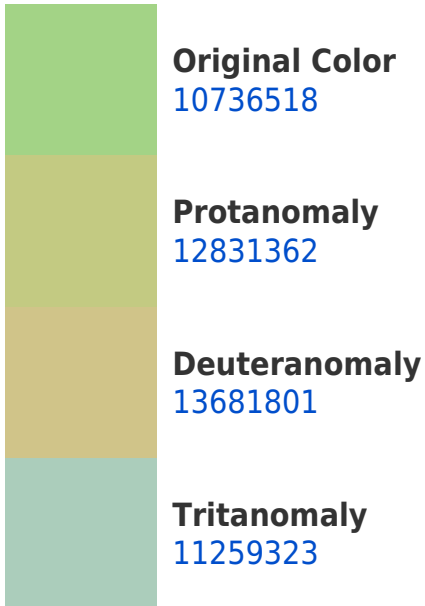
## Dichromacy



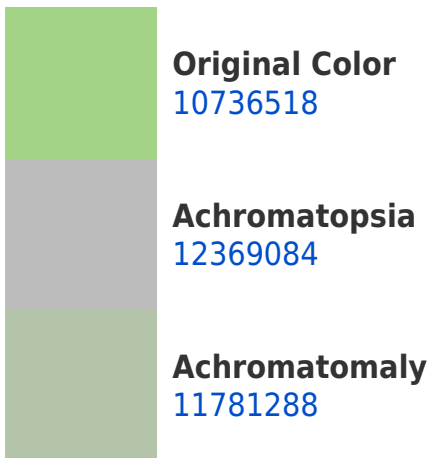


**Tritanopia**  
11586009

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10736518 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 #A3D386 looks like.

```
.text, #text, p{  
    color:#A3D386  
}
```

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 #A3D386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3D386
}
```

## Border

The CSS property to change the border of an element to Decimal 10736518 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
#A3D386 }
```

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

```
.border{ border-color:#A3D386 }
```

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

Here you see how a box with a 4 pixel #A3D386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3D386; -webkit-box-shadow:4px 4px  
4px 4px #A3D386; box-shadow:4px 4px 4px  
4px #A3D386 }
```

# Background

The CSS property to change the background color of an element to Decimal 10736518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3D386 }
```

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

```
.background{ background-color:#A3D386 }
```

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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