

# Converting Colors

Decimal(3516866)

Have a look what the booklet for  
Decimal(3516866) contains.

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# **Color**

**Decimal(3516866)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35A9C2
RGB	53, 169, 194
RGB Percent	21%, 66%, 76%
CMY	0.7922, 0.3373, 0.2392
CMYK	0.73, 0.13, 0.00, 0.24
HSL	191°, 57%, 48%
HSV	191°, 73%, 76%
XYZ	25.3938, 33.0279, 56.0756
YIQ	137.1660, -77.1610, -16.8170

# Conversions

## Conversions Part 2

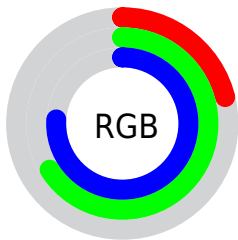
Format	Color
R <sub>YB</sub>	53, 117, 194
Decimal	3516866
CIE Lab	64.18, -23.59, -22.07
CIE LCh	64, 32.298, 223.092
Yxy	33.0279, 0.2218, 0.2885
Android (android.graphics.Color)	4281706946 (0xFF35A9C2)
YUV	137.1660, 28.0192, -73.8136
Hunter-Lab	57.4699, -21.6998, -17.6226

# Details

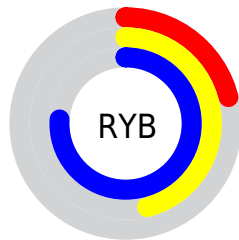
The Decimal color **3516866** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **12734005**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **7856379**, and **30092** is the 20% darker color. If you saturate the color by 10%, you get **2270914**, and if you desaturate by 10%, it is **4762818**.

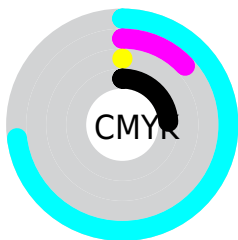
# Distribution



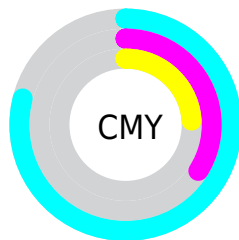
- Red (21%)
- Green (66%)
- Blue (76%)



- Red (21%)
- Yellow (46%)
- Blue (76%)



- Cyan (73%)
- Magenta (13%)
- Yellow (0%)
- Black (24%)



- Cyan (79%)
- Magenta (34%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3516866 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 3516866 by changing the saturation by 10% instead.





3516866



3516866

16777215



36519



7856379



30092



9829887



23667



11796479



17498



13762559



11587



15728639



6444



280



0



3516866



3516866

■ 2270914

■ 4762818

■ 959170

■ 6074562

■ 41154

■ 7320514

■ 8632258

■ 9878210

■ 11124418

■ 12435906

■ 13682114

■ 14993602

# Harmonies

## Analogous

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



4041640



3516866



5874642

# Triad

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



3516866



13273261



10657379

# Complementary

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



3516866



12734005

# 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.



12424293



3516866



13928080

# Square

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



3516866



11505862



13601654



8562033

# Rectangle

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



3516866



7904725



13601654



11311970

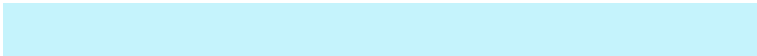


# Sweetspot

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



3516866



12973052



3523149



6191744



0



8421504



# Same Dimension

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



3516866



2217724



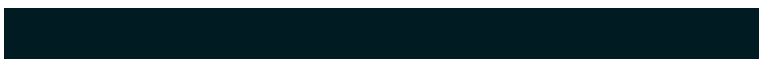
3499202



5726049



33953



6945



# Inverse Universe

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



12727721



16523734



12751669



6379359



10551428



2162715



# Previews

## White Background



This preview shows how the Decimal color 3516866 looks on a white background.

## Color Contrast Check

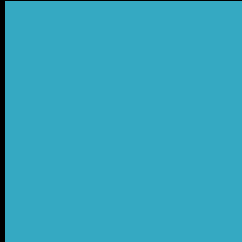
Large Text (above 18pt) WCAG AA × Fail

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 3516866 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 3516866 Background



This preview shows how black text looks on a background with the Decimal color 3516866.

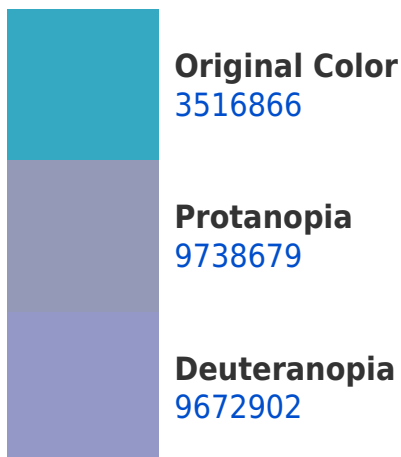


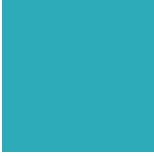
This preview shows how white text looks on a background with the Decimal color 3516866.

# 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**  
3058616

# Trichromacy



**Original Color**  
3516866



**Protanomaly**  
7446459



**Deuteranomaly**  
7446213



**Tritanomaly**  
3254972

# Monochromacy



**Original Color**  
3516866



**Achromatopsia**  
9013641



**Achromatomaly**  
6985118

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3516866 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 #35A9C2 looks like.

```
.text, #text, p{  
    color:#35A9C2  
}
```

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 #35A9C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A9C2
}
```

## Border

The CSS property to change the border of an element to Decimal 3516866 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
#35A9C2 }
```

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

```
.border{ border-color:#35A9C2 }
```

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

Here you see how a box with a 4 pixel #35A9C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A9C2; -webkit-box-shadow:4px 4px  
4px 4px #35A9C2; box-shadow:4px 4px 4px  
4px #35A9C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 3516866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A9C2 }
```

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

```
.background{ background-color:#35A9C2 }
```

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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