

Converting Colors

Decimal(3516341)

Have a look what the booklet for
Decimal(3516341) contains.

Decimal(3516341)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(3516341)

Conversions

Conversions Part 1

Format	Color
Hex	35A7B5
RGB	53, 167, 181
RGB Percent	21%, 65%, 71%
CMY	0.7922, 0.3451, 0.2902
CMYK	0.71, 0.08, 0.00, 0.29
HSL	187°, 55%, 46%
HSV	187°, 71%, 71%
XYZ	23.6274, 31.7305, 48.5954
YIQ	134.5100, -72.4380, -19.8140

Conversions

Conversions Part 2

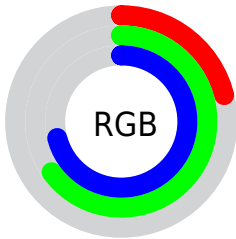
Format	Color
RYB	53, 113, 181
Decimal	3516341
CIELab	63.12, -26.65, -16.43
CIELCh	63, 31.304, 211.655
Yxy	31.7305, 0.2273, 0.3052
Android (android.graphics.Color)	4281706421 (0xFF35A7B5)
YUV	134.5100, 22.9196, -71.4843
Hunter-Lab	56.3298, -23.7059, -11.7182

Details

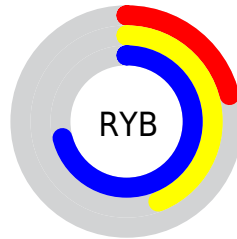
The Decimal color **3516341** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11879221**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **7724781**, and **29568** is the 20% darker color. If you saturate the color by 10%, you get **2336181**, and if you desaturate by 10%, it is **4696501**.

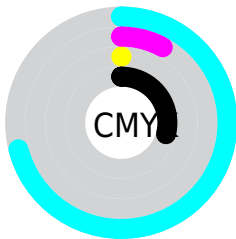
Distribution



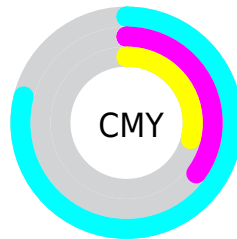
- Red (21%)
- Green (65%)
- Blue (71%)



- Red (21%)
- Yellow (44%)
- Blue (71%)



- Cyan (71%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (79%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3516341 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 3516341 by changing the saturation by 10% instead.

■ 3516341

■ 3516341

16777215

■ 35994

■ 7724781

■ 29568

■ 9698303

■ 23143

■ 11665407

■ 16975

■ 13565951

■ 11064

■ 15532031

■ 5155

■ 11

■ 0

■ 3516341

■ 3516341

■ 2336181

■ 4696501

■ 1156021

■ 5876661

■ 41397

■ 7056821

■ 8236981

■ 9482677

■ 10662837

■ 11842997

■ 13023157

■ 14203317

Harmonies

Analogous

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



4892825



3516341



4891593

Triad

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



3516341



12421300



11180129

Complementary

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



3516341



11879221

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.



12684905



3516341



13534360

Square

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



3516341



10392008



13534845



9281641

Rectangle

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



3516341



6725327



13534845



11768930

Sweetspot

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



3516341



12183019



3519810



5796469



16119285



7697781

Same Dimension

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



3516341



2348523



3500213



5265497



34969



5914

Inverse Universe

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



11875751



15410133



11895349



5853272



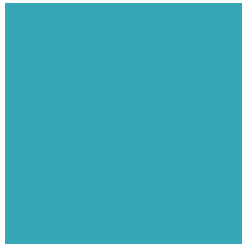
10027144



1703959

Previews

White Background



This preview shows how the Decimal color 3516341 looks on a white background.

Color Contrast Check

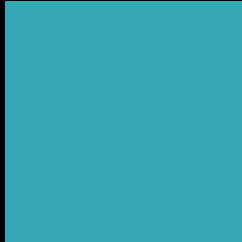
Large Text (above 18pt) WCAG AA × Fail

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 3516341 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 3516341 Background



This preview shows how black text looks on a background with the Decimal color 3516341.



This preview shows how white text looks on a background with the Decimal color 3516341.

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
3516341

Trichromacy



Original Color
3516341



Protanomaly
7511470



Deuteranomaly
7576504



Tritanomaly
3516341

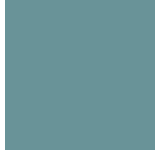
Monochromacy



Original Color
3516341



Achromatopsia
8882055



Achromatomaly
6919064

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3516341 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 #35A7B5 looks like.

```
.text, #text, p{  
  color:#35A7B5  
}
```

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 #35A7B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A7B5
}
```

Border

The CSS property to change the border of an element to Decimal 3516341 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
#35A7B5 }
```

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

```
.border{ border-color:#35A7B5 }
```

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

Here you see how a box with a 4 pixel #35A7B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A7B5; -webkit-box-shadow:4px 4px  
4px 4px #35A7B5; box-shadow:4px 4px 4px  
4px #35A7B5 }
```

Background

The CSS property to change the background color of an element to Decimal 3516341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A7B5 }
```

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

```
.background{ background-color:#35A7B5 }
```

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