

Converting Colors

Decimal(3636900)

Have a look what the booklet for
Decimal(3636900) contains.

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Color

Decimal(3636900)

Conversions

Conversions Part 1

Format	Color
Hex	377EA4
RGB	55, 126, 164
RGB Percent	22%, 49%, 64%
CMY	0.7843, 0.5059, 0.3569
CMYK	0.66, 0.23, 0.00, 0.36
HSL	201°, 50%, 43%
HSV	201°, 66%, 64%
XYZ	15.7372, 18.4143, 37.8468
YIQ	109.1030, -54.5140, -3.2340

Conversions

Conversions Part 2

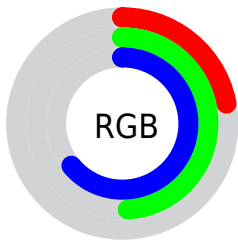
Format	Color
RYB	55, 98, 164
Decimal	3636900
CIELab	49.99, -9.90, -26.84
CIELCh	50, 28.607, 249.747
Yxy	18.4143, 0.2186, 0.2558
Android (android.graphics.Color)	4281826980 (0xFF377EA4)
YUV	109.1030, 27.0642, -47.4483
Hunter-Lab	42.9119, -9.6337, -22.2535

Details

The Decimal color **3636900** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **10771767**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **7451611**, and **19824** is the 20% darker color. If you saturate the color by 10%, you get **2586788**, and if you desaturate by 10%, it is **4687012**.

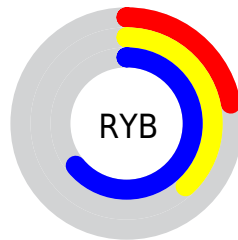
Distribution



Red (22%)

Green (49%)

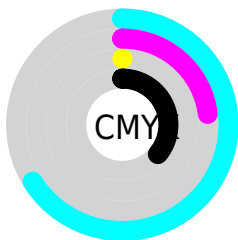
Blue (64%)



Red (22%)

Yellow (38%)

Blue (64%)

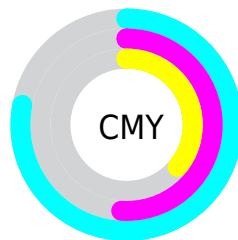


Cyan (66%)

Magenta (23%)

Yellow (0%)

Black (36%)



Cyan (78%)

Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3636900 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 3636900 by changing the saturation by 10% instead.

■ 3636900

■ 3636900

16777215

■ 1074570

■ 7451611

■ 19824

■ 9359096

■ 13911

■ 11201279

■ 8512

■ 13107199

■ 810

■ 15007743

■ 276

■ 0

■ 3636900

■ 3636900

■ 2586788

■ 4687012

■ 1471396

■ 5802404

■ 421284

■ 6852516

■ 27556

■ 7968164

■ 9018276

■ 10068132

■ 11183780

■ 12233892

■ 13349284

Harmonies

Analogous

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



1213333



3636900



6387623

Triad

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



3636900



10904688



6651729

Complementary

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



3636900



10771767

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.



8353862



3636900



10709081

Square

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



3636900



10249864



9793610



4686693

Rectangle

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



3636900



7958945



9793610



7241036

Sweetspot

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



3636900



11257814



3646555



5333611



15461355



7039851

Same Dimension

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



3636900



2857686



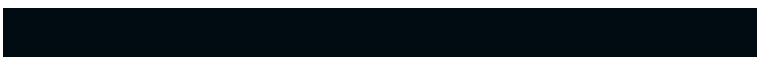
3623332



4804434



24465



3090

Inverse Universe

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



10762110



14035866



10785335



5392719



9502815



1179660

Previews

White Background



This preview shows how the Decimal color 3636900 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 3636900 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 × Fail

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

Decimal 3636900 Background



This preview shows how black text looks on a background with the Decimal color 3636900.




This preview shows how white text looks on a background with the Decimal color 3636900.

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](#).

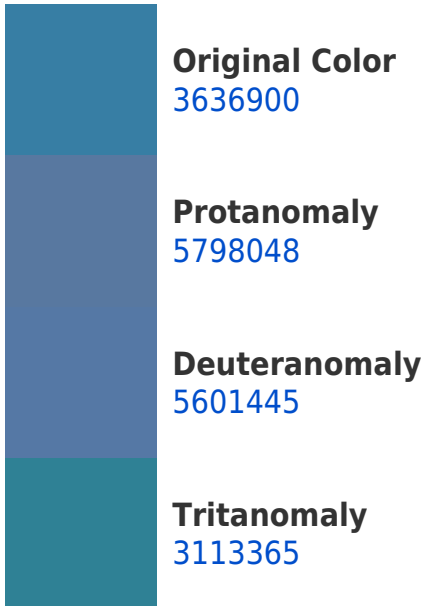
Dichromacy





Tritanopia
2785933

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3636900 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 #377EA4 looks like.

```
.text, #text, p{  
    color:#377EA4  
}
```

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 #377EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #377EA4
}
```

Border

The CSS property to change the border of an element to Decimal 3636900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

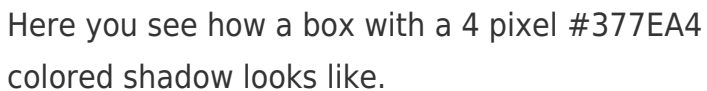
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#377EA4 }
```

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

```
.border{ border-color:#377EA4 }
```

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



Here you see how a box with a 4 pixel #377EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #377EA4; -webkit-box-shadow:4px 4px  
4px 4px #377EA4; box-shadow:4px 4px 4px  
4px #377EA4 }
```

Background

The CSS property to change the background color of an element to Decimal 3636900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#377EA4 }
```

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

```
.background{ background-color:#377EA4 }
```

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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