

Converting Colors

Decimal(5533900)

Have a look what the booklet for
Decimal(5533900) contains.

Decimal(5533900)	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(5533900)

Conversions

Conversions Part 1

Format	Color
Hex	5470CC
RGB	84, 112, 204
RGB Percent	33%, 44%, 80%
CMY	0.6706, 0.5608, 0.2000
CMYK	0.59, 0.45, 0.00, 0.20
HSL	226°, 54%, 56%
HSV	226°, 59%, 80%
XYZ	20.3494, 17.8328, 59.4963
YIQ	114.1160, -46.2200, 22.6760

Conversions

Conversions Part 2

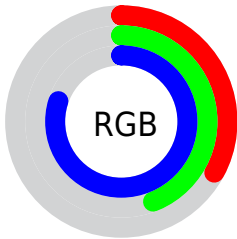
Format	Color
RYB	84, 107, 204
Decimal	5533900
CIELab	49.29, 17.68, -50.93
CIELCh	49, 53.917, 289.146
Yxy	17.8328, 0.2083, 0.1826
Android (android.graphics.Color)	4283723980 (0xFF5470CC)
YUV	114.1160, 44.3128, -26.4117
Hunter-Lab	42.2289, 12.1157, -53.9735

Details

The Decimal color **5533900** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **13414484**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **9348095**, and **147861** is the 20% darker color. If you saturate the color by 10%, you get **4219084**, and if you desaturate by 10%, it is **6848716**.

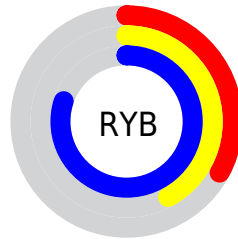
Distribution



Red (33%)

Green (44%)

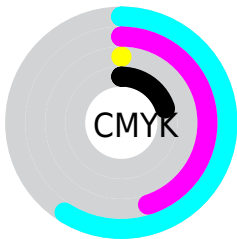
Blue (80%)



Red (33%)

Yellow (42%)

Blue (80%)

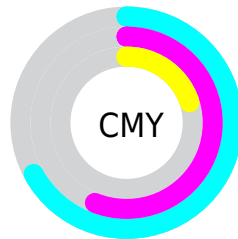


Cyan (59%)

Magenta (45%)

Yellow (0%)

Black (20%)



Cyan (67%)

Magenta (56%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5533900 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 5533900 by changing the saturation by 10% instead.

■ 5533900

■ 5533900

16777215

■ 3430576

■ 9348095

■ 147861

■ 11255551

■ 11131

■ 13228799

■ 6241

■ 15136511

■ 73

■ 1073

■ 284

■ 0

■ 5533900

■ 5533900

■ 4219084

■ 6848716

■ 2838988

■ 8228812

■ 1524172

■ 9543628

■ 143820

■ 10923980

■ 12492

■ 12238540

■ 13553356

■ 14933452

■ 16248268

■ 16776652

Harmonies

Analogous

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



32719



5533900



10247346

Triad

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



5533900



12147249



35426

Complementary

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



5533900



13414484

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.



3638581



5533900



10120463

Square

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



5533900



13060698



7371792



35730

Rectangle

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



5533900



12013463



7371792



35155

Sweetspot

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



5533900



13753599



5557424



6515328



0



8421504

Same Dimension

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



5533900



4879615



7623884



6053478



10150



2342

Inverse Universe

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



13390960



16730740



11324500



6708318



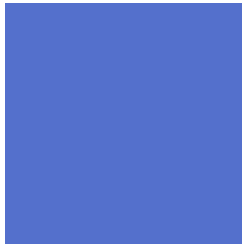
10879015



2490377

Previews

White Background



This preview shows how the Decimal color 5533900 looks on a white background.

Color Contrast Check

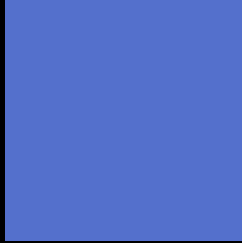
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5533900 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 5533900 Background



This preview shows how black text looks on a background with the Decimal color 5533900.




This preview shows how white text looks on a background with the Decimal color 5533900.

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](#).

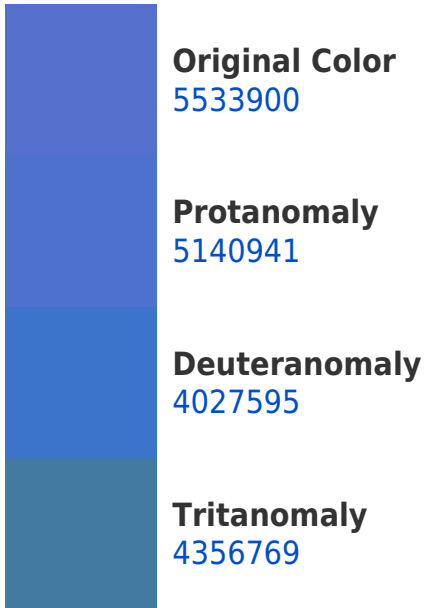
Dichromacy





Tritanopia
3637129

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5533900 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 #5470CC looks like.

```
.text, #text, p{  
    color:#5470CC  
}
```

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 #5470CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5470CC
}
```

Border

The CSS property to change the border of an element to Decimal 5533900 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".

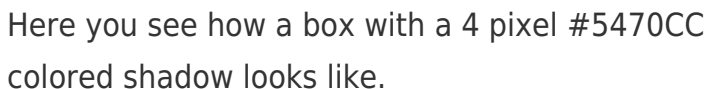
```
.border, #border, table{ border:4px solid
#5470CC }
```

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

```
.border{ border-color:#5470CC }
```

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

Here you see how a box with a 4 pixel #5470CC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5470CC; -webkit-box-shadow:4px 4px  
4px 4px #5470CC; box-shadow:4px 4px 4px  
4px #5470CC }
```

Background

The CSS property to change the background color of an element to Decimal 5533900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5470CC }
```

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

```
.background{ background-color:#5470CC }
```

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