

Converting Colors

Decimal(5736106)

Have a look what the booklet for
Decimal(5736106) contains.

Decimal(5736106)	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(5736106)

Conversions

Conversions Part 1

Format	Color
Hex	5786AA
RGB	87, 134, 170
RGB Percent	34%, 53%, 67%
CMY	0.6588, 0.4745, 0.3333
CMYK	0.49, 0.21, 0.00, 0.33
HSL	206°, 33%, 50%
HSV	206°, 49%, 67%
XYZ	19.7113, 21.9787, 41.2336
YIQ	124.0510, -39.5680, 1.2320

Conversions

Conversions Part 2

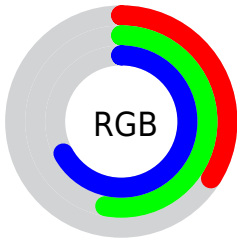
Format	Color
RYB	87, 117, 170
Decimal	5736106
CIELab	54.00, -5.79, -24.00
CIELCh	54, 24.688, 256.446
Yxy	21.9787, 0.2377, 0.2650
Android (android.graphics.Color)	4283926186 (0xFF5786AA)
YUV	124.0510, 22.6529, -32.4937
Hunter-Lab	46.8815, -6.9924, -19.3303

Details

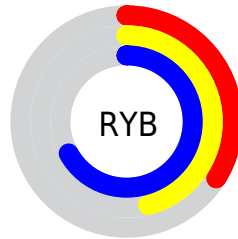
The Decimal color **5736106** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **11172695**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **9288673**, and **2053494** is the 20% darker color. If you saturate the color by 10%, you get **4620202**, and if you desaturate by 10%, it is **6852010**.

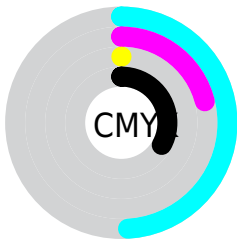
Distribution



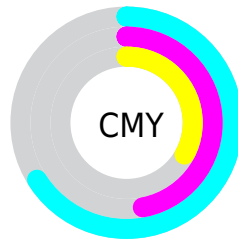
- Red (34%)
- Green (53%)
- Blue (67%)



- Red (34%)
- Yellow (46%)
- Blue (67%)



- Cyan (49%)
- Magenta (21%)
- Yellow (0%)
- Black (33%)



- Cyan (66%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5736106 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 5736106 by changing the saturation by 10% instead.

■ 5736106

■ 5736106

16777215

■ 3960207

■ 9288673

■ 2053494

■ 11130878

■ 15709

■ 12973055

■ 10309

■ 14876671

■ 4911

■ 282

■ 0

■ 5736106

■ 5736106

■ 4620202

■ 6852010

■ 3504042

■ 7968170

■ 2388138

■ 9084074

■ 1272234

■ 10199978

■ 156074

■ 11316138

■ 24746

■ 12432042

■ 13548202

■ 14664106

■ 15780010

Harmonies

Analogous

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



4164511



5736106



7831466

Triad

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



5736106



11301238



7113059

Complementary

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



5736106



11172695

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.



8684376



5736106



10974819

Square

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



5736106



10842764



10058840



5475446

Rectangle

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



5736106



9075363



10058840



7636830

Sweetspot

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



5736106



12439518



5745275



6055792



15790320



7368816

Same Dimension

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



5736106



6006238



5725610



5001556



21652



3092

Inverse Universe

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



11163526



14572453



11183191



5524561



9699412



1310732

Previews

White Background



This preview shows how the Decimal color 5736106 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 5736106 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

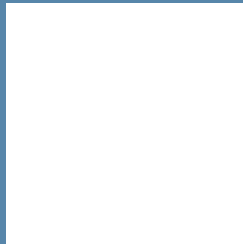
Any Text WCAG AAA × Fail

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

Decimal 5736106 Background



This preview shows how black text looks on a background with the Decimal color 5736106.



This preview shows how white text looks on a background with the Decimal color 5736106.

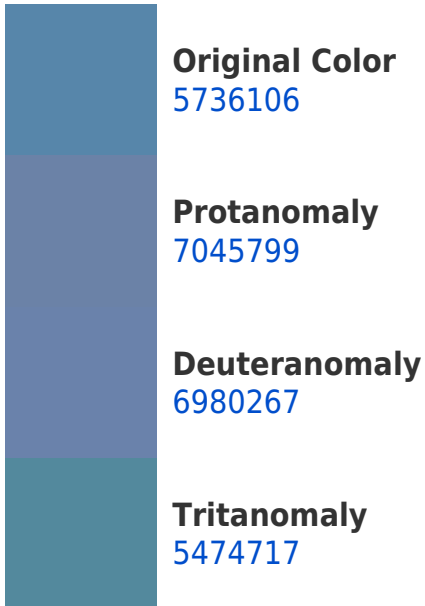
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5736106 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 #5786AA looks like.

```
.text, #text, p{  
    color:#5786AA  
}
```

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 #5786AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5786AA
}
```

Border

The CSS property to change the border of an element to Decimal 5736106 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
#5786AA }
```

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

```
.border{ border-color:#5786AA }
```

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

Here you see how a box with a 4 pixel #5786AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5786AA; -webkit-box-shadow:4px 4px  
4px 4px #5786AA; box-shadow:4px 4px 4px  
4px #5786AA }
```

Background

The CSS property to change the background color of an element to Decimal 5736106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5786AA }
```

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

```
.background{ background-color:#5786AA }
```

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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