

Converting Colors

Decimal(5085106)

Have a look what the booklet for
Decimal(5085106) contains.

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Color

Decimal(5085106)

Conversions

Conversions Part 1

Format	Color
Hex	4D97B2
RGB	77, 151, 178
RGB Percent	30%, 59%, 70%
CMY	0.6980, 0.4078, 0.3020
CMYK	0.57, 0.15, 0.00, 0.30
HSL	196°, 40%, 50%
HSV	196°, 57%, 70%
XYZ	22.1631, 26.9254, 46.1485
YIQ	131.9520, -52.7710, -7.2910

Conversions

Conversions Part 2

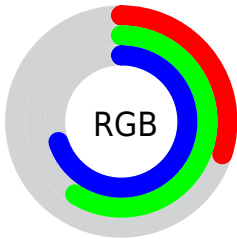
Format	Color
RYB	77, 120, 178
Decimal	5085106
CIELab	58.91, -15.12, -21.09
CIELCh	59, 25.943, 234.364
Yxy	26.9254, 0.2327, 0.2827
Android (android.graphics.Color)	4283275186 (0xFF4D97B2)
YUV	131.9520, 22.7017, -48.1929
Hunter-Lab	51.8896, -14.5661, -16.4073

Details

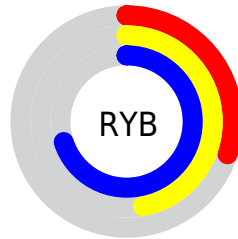
The Decimal color **5085106** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **11692109**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **8834538**, and **25725** is the 20% darker color. If you saturate the color by 10%, you get **3904178**, and if you desaturate by 10%, it is **6266034**.

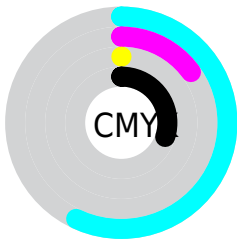
Distribution



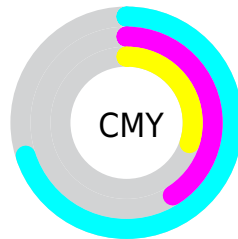
- Red (30%)
- Green (59%)
- Blue (70%)



- Red (30%)
- Yellow (47%)
- Blue (70%)



- Cyan (57%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5085106 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 5085106 by changing the saturation by 10% instead.

■ 5085106

■ 5085106

16777215

■ 3046807

■ 8834538

■ 25725

■ 10676991

■ 19556

■ 12582911

■ 13644

■ 14483455

■ 8245

■ 16383999

■ 544

■ 5

■ 0

■ 5085106

■ 5085106

■ 3904178

■ 6266034

■ 2723250

■ 7446962

■ 1608114

■ 8562098

■ 427186

■ 9743026

■ 33458

■ 10923954

■ 12104882

■ 13285554

■ 14400946

■ 15581874

Harmonies

Analogous

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



4627104



5085106



6984123

Triad

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



5085106



12025235



9081444

Complementary

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



5085106



11692109

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.



10652513



5085106



12287612

Square

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



5085106



10977961



11764586



7378803

Rectangle

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



5085106



8424634



11764586



9670753

Sweetspot

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



5085106



12705512



5091944



6188917



16119285



7697781

Same Dimension

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



5085106



4898536



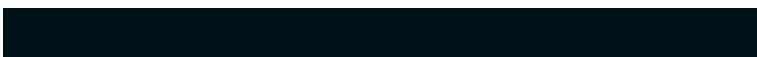
5072306



5265241



28825



4890

Inverse Universe

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



11685271



15223486



11704909



5853271



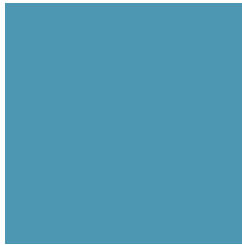
10027120



1703955

Previews

White Background



This preview shows how the Decimal color 5085106 looks on a white background.

Color Contrast Check

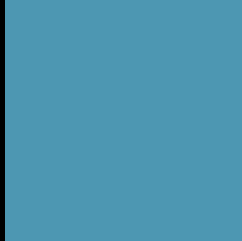
Large Text (above 18pt) WCAG AA ✓ Pass

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 5085106 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 5085106 Background



This preview shows how black text looks on a background with the Decimal color 5085106.

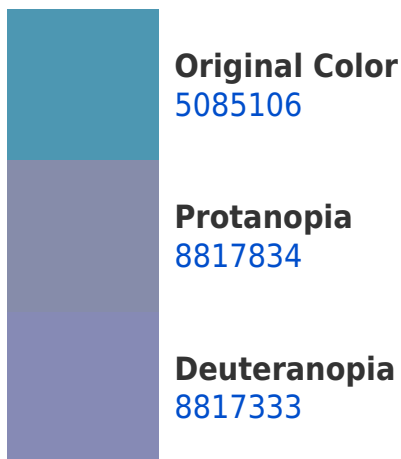


This preview shows how white text looks on a background with the Decimal color 5085106.

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
4757926

Trichromacy



Original Color
5085106

Protanomaly
7442605

Deuteranomaly
7442356

Tritanomaly
4888746

Monochromacy



Original Color
5085106

Achromatopsia
8684676

Achromatomaly
7375765

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5085106 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 #4D97B2 looks like.

```
.text, #text, p{  
    color:#4D97B2  
}
```

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 #4D97B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D97B2
}
```

Border

The CSS property to change the border of an element to Decimal 5085106 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
#4D97B2 }
```

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

```
.border{ border-color:#4D97B2 }
```

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

Here you see how a box with a 4 pixel #4D97B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D97B2; -webkit-box-shadow:4px 4px  
4px 4px #4D97B2; box-shadow:4px 4px 4px  
4px #4D97B2 }
```

Background

The CSS property to change the background color of an element to Decimal 5085106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D97B2 }
```

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

```
.background{ background-color:#4D97B2 }
```

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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