

Converting Colors

Decimal(5082766)

Have a look what the booklet for
Decimal(5082766) contains.

Decimal(5082766)	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(5082766)

Conversions

Conversions Part 1

Format	Color
Hex	4D8E8E
RGB	77, 142, 142
RGB Percent	30%, 56%, 56%
CMY	0.6980, 0.4431, 0.4431
CMYK	0.46, 0.00, 0.00, 0.44
HSL	180°, 30%, 43%
HSV	180°, 46%, 56%
XYZ	17.6161, 22.8768, 29.0784
YIQ	122.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

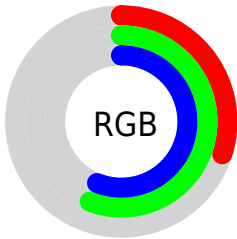
Format	Color
R_{YB}	77, 110, 142
Decimal	5082766
CIE _{Lab}	54.95, -20.72, -6.48
CIE _{LCh}	55, 21.711, 197.355
Yxy	22.8768, 0.2532, 0.3288
Android (android.graphics.Color)	4283272846 (0xFF4D8E8E)
YUV	122.5650, 9.5815, -39.9605
Hunter-Lab	47.8297, -17.9589, -2.5650

Details

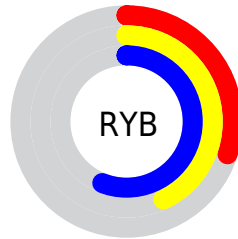
The Decimal color **5082766** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9325901**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **8570052**, and **1268572** is the 20% darker color. If you saturate the color by 10%, you get **4165262**, and if you desaturate by 10%, it is **6000270**.

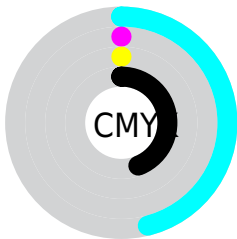
Distribution



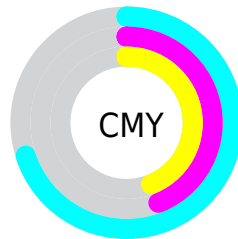
- Red (30%)
- Green (56%)
- Blue (56%)



- Red (30%)
- Yellow (43%)
- Blue (56%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (70%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5082766 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 5082766 by changing the saturation by 10% instead.

■ 5082766

■ 5082766

16777215

■ 3306612

■ 8570052

■ 1268572

■ 10412256

■ 17476

■ 12254716

■ 11566

■ 14090239

■ 6681

■ 15990783

■ 0

■ 5082766

■ 5082766

■ 4165262

■ 6000270

■ 3247758

■ 6917774

■ 2264718

■ 7900814

■ 1347214

■ 8818318

■ 429710

■ 9735822

■ 36494

■ 10653326

■ 11570830

■ 12553870

■ 13471374

Harmonies

Analogous

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



6065787



5082766



5147806

Triad

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



5082766



9730973



9994335

Complementary

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



5082766



9325901

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.



10844777



5082766



10778508

Square

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



5082766



8159655



11171449



8816223

Rectangle

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



5082766



5867942



11171449



10386785

Sweetspot

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



5082766



10401976



5082701



5004380



14408667



6052956

Same Dimension

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



5082766



5486776



5074574



4212551



34695



2056

Inverse Universe

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



9325966



12080056



9334349



4669511



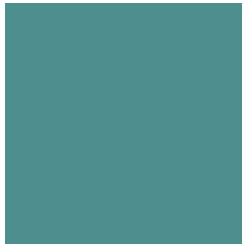
8847495



524296

Previews

White Background



This preview shows how the Decimal color 5082766 looks on a white background.

Color Contrast Check

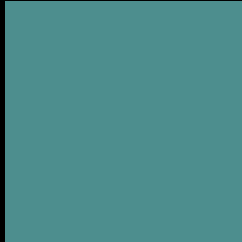
Large Text (above 18pt) WCAG AA ✓ Pass

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 5082766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

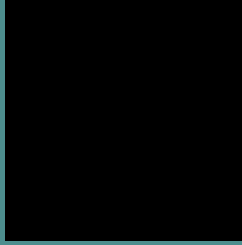
Any Text WCAG AA ✓ Pass

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 5082766 Background



This preview shows how black text looks on a background with the Decimal color 5082766.

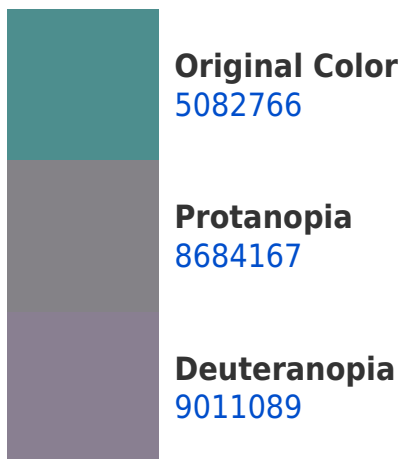


This preview shows how white text looks on a background with the Decimal color 5082766.

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



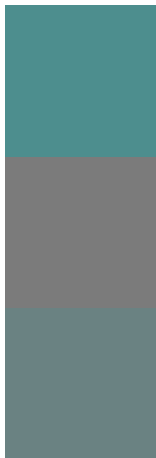
Original Color
5082766

Protanomaly
7374474

Deuteranomaly
7570576

Tritanomaly
5213588

Monochromacy



Original Color
5082766

Achromatopsia
8092539

Achromatomaly
6980226

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5082766 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 #4D8E8E looks like.

```
.text, #text, p{  
    color:#4D8E8E  
}
```

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 #4D8E8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8E8E
}
```

Border

The CSS property to change the border of an element to Decimal 5082766 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
#4D8E8E }
```

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

```
.border{ border-color:#4D8E8E }
```

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

Here you see how a box with a 4 pixel #4D8E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8E8E; -webkit-box-shadow:4px 4px  
4px 4px #4D8E8E; box-shadow:4px 4px 4px  
4px #4D8E8E }
```

Background

The CSS property to change the background color of an element to Decimal 5082766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8E8E }
```

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

```
.background{ background-color:#4D8E8E }
```

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