

Converting Colors

Decimal(5018535)

Have a look what the booklet for
Decimal(5018535) contains.

Decimal(5018535)	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(5018535)

Conversions

Conversions Part 1

Format	Color
Hex	4C93A7
RGB	76, 147, 167
RGB Percent	30%, 58%, 65%
CMY	0.7020, 0.4235, 0.3451
CMYK	0.54, 0.12, 0.00, 0.35
HSL	193°, 37%, 48%
HSV	193°, 54%, 65%
XYZ	20.3893, 25.1940, 40.3475
YIQ	128.0510, -48.7360, -8.8320

Conversions

Conversions Part 2

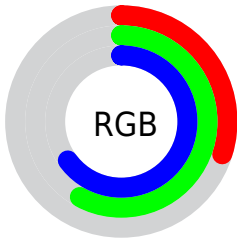
Format	Color
RYB	76, 116, 167
Decimal	5018535
CIELab	57.26, -16.48, -17.34
CIELCh	57, 23.920, 226.449
Yxy	25.1940, 0.2373, 0.2932
Android (android.graphics.Color)	4283208615 (0xFF4C93A7)
YUV	128.0510, 19.2019, -45.6487
Hunter-Lab	50.1936, -15.3298, -12.5240

Details

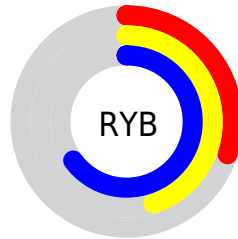
The Decimal color **5018535** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10969164**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **8702430**, and **286835** is the 20% darker color. If you saturate the color by 10%, you get **3903399**, and if you desaturate by 10%, it is **6133671**.

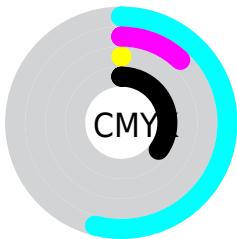
Distribution



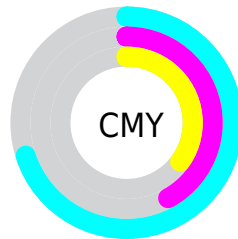
- Red (30%)
- Green (58%)
- Blue (65%)



- Red (30%)
- Yellow (45%)
- Blue (65%)



- Cyan (54%)
- Magenta (12%)
- Yellow (0%)
- Black (35%)



- Cyan (70%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5018535 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 5018535 by changing the saturation by 10% instead.

■ 5018535

■ 5018535

16777215

■ 3111309

■ 8702430

■ 286835

■ 10544635

■ 18522

■ 12386303

■ 12867

■ 14286847

■ 7725

■ 16187391

■ 280

■ 0

■ 5018535

■ 5018535

■ 3903399

■ 6133671

■ 2854055

■ 7183015

■ 1738919

■ 8298151

■ 623783

■ 9413287

■ 33447

■ 10462631

■ 11577767

■ 12692903

■ 13807783

■ 14857383

Harmonies

Analogous

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



5019029



5018535



6459058

Triad

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



5018535



11369364



9276513

Complementary

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



5018535



10969164

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.



10585441



5018535



11827839

Square

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



5018535



10191014



11501164



7704940

Rectangle

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



5018535



7703219



11501164



9734752

Sweetspot

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



5018535



11981273



5023584



5859694



15592941



7237230

Same Dimension

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



5018535



5028569



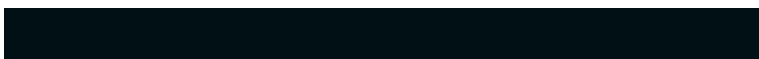
5007015



5001812



29588



4116

Inverse Universe

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



10964115



14240954



10980684



5524562



9699443



1310736

Previews

White Background



This preview shows how the Decimal color 5018535 looks on a white background.

Color Contrast Check

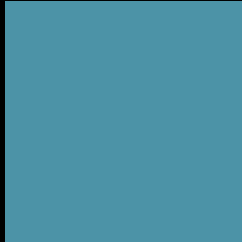
Large Text (above 18pt) WCAG AA ✓ Pass

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 5018535 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 5018535 Background



This preview shows how black text looks on a background with the Decimal color 5018535.



This preview shows how white text looks on a background with the Decimal color 5018535.

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



Original Color
5018535

Protanopia
8685727

Deuteranopia
8750762



Tritanopia
4822176

Trichromacy



Original Color
5018535

Protanomaly
7376034

Deuteranomaly
7375785

Tritanomaly
4887715

Monochromacy



Original Color
5018535

Achromatopsia
8421504

Achromatomaly
7178126

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5018535 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 #4C93A7 looks like.

```
.text, #text, p{  
    color:#4C93A7  
}
```

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 #4C93A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C93A7
}
```

Border

The CSS property to change the border of an element to Decimal 5018535 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
#4C93A7 }
```

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

```
.border{ border-color:#4C93A7 }
```

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

Here you see how a box with a 4 pixel #4C93A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C93A7; -webkit-box-shadow:4px 4px  
4px 4px #4C93A7; box-shadow:4px 4px 4px  
4px #4C93A7 }
```

Background

The CSS property to change the background color of an element to Decimal 5018535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C93A7 }
```

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

```
.background{ background-color:#4C93A7 }
```

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