

Converting Colors

Decimal(5021349)

Have a look what the booklet for
Decimal(5021349) contains.

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Color

Decimal(5021349)

Conversions

Conversions Part 1

Format	Color
Hex	4C9EA5
RGB	76, 158, 165
RGB Percent	30%, 62%, 65%
CMY	0.7020, 0.3804, 0.3529
CMYK	0.54, 0.04, 0.00, 0.35
HSL	185°, 37%, 47%
HSV	185°, 54%, 65%
XYZ	21.9989, 28.7068, 39.9788
YIQ	134.2800, -51.1190, -15.2070

Conversions

Conversions Part 2

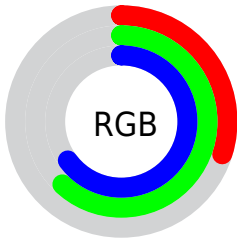
Format	Color
RYB	76, 119, 165
Decimal	5021349
CIELab	60.52, -22.85, -11.28
CIElCh	61, 25.479, 206.277
Yxy	28.7068, 0.2426, 0.3166
Android (android.graphics.Color)	4283211429 (0xFF4C9EA5)
YUV	134.2800, 15.1450, -51.1116
Hunter-Lab	53.5788, -20.4726, -6.7352

Details

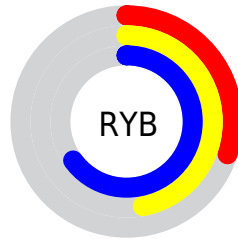
The Decimal color **5021349** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10834764**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **8705500**, and **27249** is the 20% darker color. If you saturate the color by 10%, you get **3906981**, and if you desaturate by 10%, it is **6070181**.

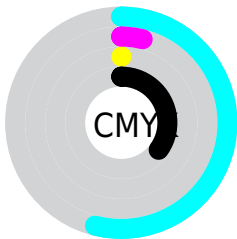
Distribution



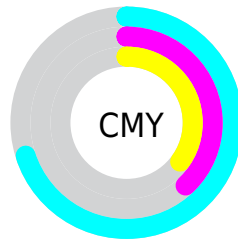
- Red (30%)
- Green (62%)
- Blue (65%)



- Red (30%)
- Yellow (47%)
- Blue (65%)



- Cyan (54%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (70%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5021349 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 5021349 by changing the saturation by 10% instead.

■ 5021349

■ 5021349

16777215

■ 3048587

■ 8705500

■ 27249

■ 10547704

■ 21081

■ 12451839

■ 14913

■ 14352383

■ 9515

■ 16252927

■ 1304

■ 0

■ 5021349

■ 5021349

■ 3906981

■ 6070181

■ 2857893

■ 7184805

■ 1809061

■ 8233637

■ 694693

■ 9348005

■ 39077

■ 10396837

■ 11511461

■ 12560293

■ 13674661

■ 14723749

Harmonies

Analogous

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



6004366



5021349



5610423

Triad

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



5021349



11306667



10850405

Complementary

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



5021349



10834764

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.



11962477



5021349



12354198

Square

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



5021349



9539002



12551039



9279337

Rectangle

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



5021349



6723517



12551039



11242855

Sweetspot

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



5021349



11850966



5023058



5728619



15461355



7039851

Same Dimension

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



5021349



4967382



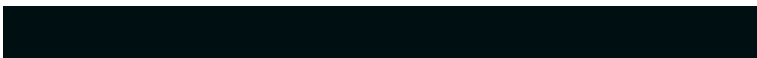
5010341



4804946



34449



4114

Inverse Universe

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



10833054



14044107



10845772



5392721



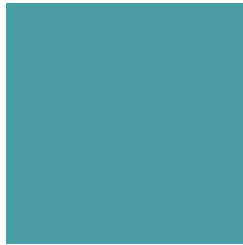
9502854



1179664

Previews

White Background



This preview shows how the Decimal color 5021349 looks on a white background.

Color Contrast Check

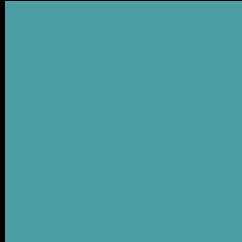
Large Text (above 18pt) WCAG AA ✓ Pass

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 5021349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

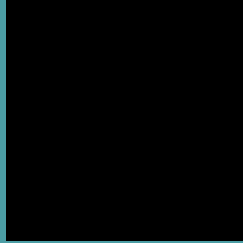
Any Text WCAG AA ✓ Pass

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 5021349 Background



This preview shows how black text looks on a background with the Decimal color 5021349.

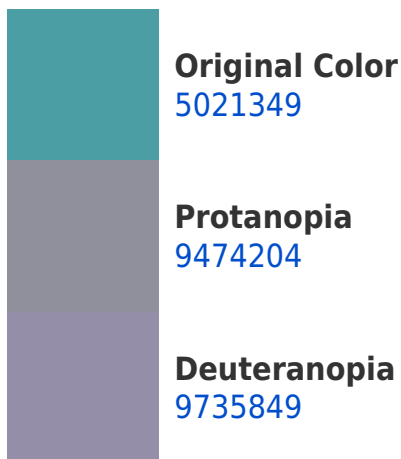



This preview shows how white text looks on a background with the Decimal color 5021349.

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
5152170

Trichromacy



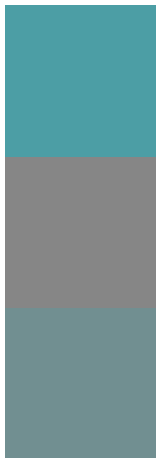
Original Color
5021349

Protanomaly
7837087

Deuteranomaly
8033448

Tritanomaly
5086632

Monochromacy



Original Color
5021349

Achromatopsia
8816262

Achromatomaly
7442321

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5021349 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 #4C9EA5 looks like.

```
.text, #text, p{  
    color:#4C9EA5  
}
```

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 #4C9EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9EA5
}
```

Border

The CSS property to change the border of an element to Decimal 5021349 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
#4C9EA5 }
```

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

```
.border{ border-color:#4C9EA5 }
```

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

Here you see how a box with a 4 pixel #4C9EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9EA5; -webkit-box-shadow:4px 4px  
4px 4px #4C9EA5; box-shadow:4px 4px 4px  
4px #4C9EA5 }
```

Background

The CSS property to change the background color of an element to Decimal 5021349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9EA5 }
```

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

```
.background{ background-color:#4C9EA5 }
```

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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