

Converting Colors

Decimal(5156568)

Have a look what the booklet for
Decimal(5156568) contains.

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Color

Decimal(5156568)

Conversions

Conversions Part 1

Format	Color
Hex	4EAED8
RGB	78, 174, 216
RGB Percent	31%, 68%, 85%
CMY	0.6941, 0.3176, 0.1529
CMYK	0.64, 0.19, 0.00, 0.15
HSL	198°, 64%, 58%
HSV	198°, 64%, 85%
XYZ	30.6726, 36.8497, 70.4618
YIQ	150.0840, -70.6980, -7.2900

Conversions

Conversions Part 2

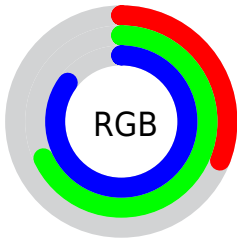
Format	Color
RYB	78, 135, 216
Decimal	5156568
CIELab	67.16, -15.51, -29.61
CIELCh	67, 33.422, 242.354
Yxy	36.8497, 0.2223, 0.2671
Android (android.graphics.Color)	4283346648 (0xFF4EAED8)
YUV	150.0840, 32.4966, -63.2177
Hunter-Lab	60.7039, -16.0390, -26.3279

Details

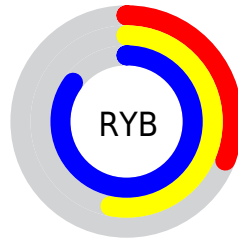
The Decimal color **5156568** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **14186574**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **9234175**, and **31393** is the 20% darker color. If you saturate the color by 10%, you get **3712984**, and if you desaturate by 10%, it is **6600152**.

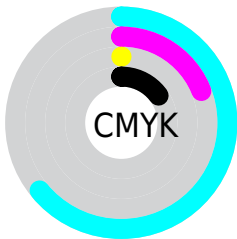
Distribution



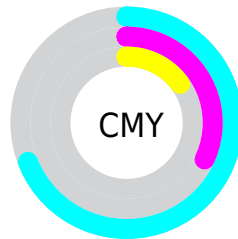
- Red (31%)
- Green (68%)
- Blue (85%)



- Red (31%)
- Yellow (53%)
- Blue (85%)



- Cyan (64%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (69%)
- Magenta (32%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5156568 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 5156568 by changing the saturation by 10% instead.

■ 5156568

■ 5156568

16777215

■ 2724796

■ 9234175

■ 31393

■ 11141119

■ 24967

■ 13107199

■ 18797

■ 15073279

■ 12885

■ 7741

■ 807

■ 273

■ 0

■ 5156568

■ 5156568

■ 3712984

■ 6600152

■ 2335192

■ 7977944

■ 891608

■ 9421528

■ 38616

■ 10799320

■ 12242904

■ 13686232

■ 15064280

■ 16507864

■ 16771544

Harmonies

Analogous

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



3584963



5156568



8234719

Triad

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



5156568



14519458



9874288

Complementary

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



5156568



14186574

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.



11969127



5156568



14520197

Square

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



5156568



13406656



13604975



7516551

Rectangle

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



5156568



10264539



13604975



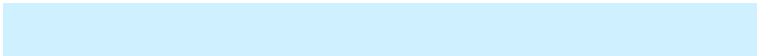
10594667

Sweetspot

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



5156568



13627647



5167223



6453120



0



8421504

Same Dimension

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



5156568



3916799



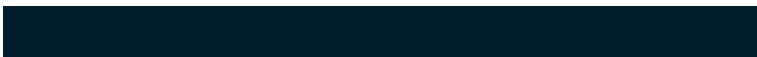
5139160



6318187



30635



7723

Inverse Universe

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



14175918



16726979



14203982



7037032



11206775



2818078

Previews

White Background



This preview shows how the Decimal color 5156568 looks on a white background.

Color Contrast Check

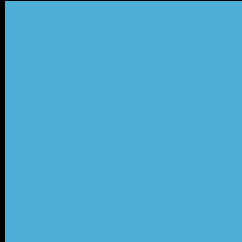
Large Text (above 18pt) WCAG AA × Fail

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 5156568 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 ✓ Pass

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

Decimal 5156568 Background



This preview shows how black text looks on a background with the Decimal color 5156568.




This preview shows how white text looks on a background with the Decimal color 5156568.

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
4371137

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5156568 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 #4EAED8 looks like.

```
.text, #text, p{  
    color:#4EAED8  
}
```

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 #4EAED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EAED8
}
```

Border

The CSS property to change the border of an element to Decimal 5156568 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
#4EAED8 }
```

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

```
.border{ border-color:#4EAED8 }
```

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

Here you see how a box with a 4 pixel #4EAED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EAED8; -webkit-box-shadow:4px 4px  
4px 4px #4EAED8; box-shadow:4px 4px 4px  
4px #4EAED8 }
```

Background

The CSS property to change the background color of an element to Decimal 5156568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EAED8 }
```

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

```
.background{ background-color:#4EAED8 }
```

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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