

Converting Colors

Decimal(5153495)

Have a look what the booklet for
Decimal(5153495) contains.

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Color

Decimal(5153495)

Conversions

Conversions Part 1

Format	Color
Hex	4EA2D7
RGB	78, 162, 215
RGB Percent	31%, 64%, 84%
CMY	0.6941, 0.3647, 0.1569
CMYK	0.64, 0.25, 0.00, 0.16
HSL	203°, 63%, 57%
HSV	203°, 64%, 84%
XYZ	28.3280, 32.3667, 69.0443
YIQ	142.9260, -67.0770, -1.3250

Conversions

Conversions Part 2

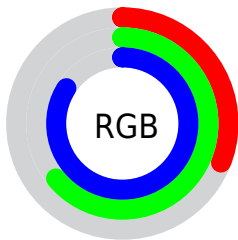
Format	Color
RYB	78, 130, 215
Decimal	5153495
CIELab	63.64, -9.31, -34.51
CIElCh	64, 35.740, 254.901
Yxy	32.3667, 0.2183, 0.2495
Android (android.graphics.Color)	4283343575 (0xFF4EA2D7)
YUV	142.9260, 35.5325, -56.9401
Hunter-Lab	56.8917, -10.6804, -32.1307

Details

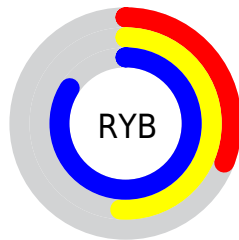
The Decimal color **5153495** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **14123854**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **9165311**, and **28576** is the 20% darker color. If you saturate the color by 10%, you get **3709655**, and if you desaturate by 10%, it is **6597335**.

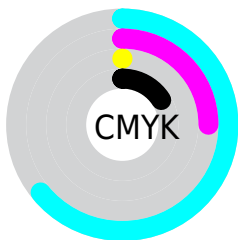
Distribution



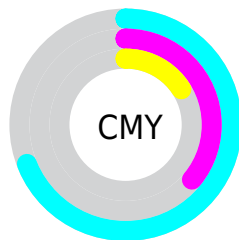
- Red (31%)
- Green (64%)
- Blue (84%)



- Red (31%)
- Yellow (51%)
- Blue (84%)



- Cyan (64%)
- Magenta (25%)
- Yellow (0%)
- Black (16%)



- Cyan (69%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5153495 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 5153495 by changing the saturation by 10% instead.

■ 5153495

■ 5153495

16777215

■ 2787515

■ 9165311

■ 28576

■ 11073023

■ 22150

■ 13041663

■ 16236

■ 15007743

■ 10580

■ 5692

■ 550

■ 271

■ 0

■ 5153495

■ 5153495

■ 3709655

■ 6597335

■ 2331095

■ 7975895

■ 887255

■ 9419735

■ 34007

■ 10798039

■ 12242135

■ 13620439

■ 15064279

■ 16442839

■ 16772567

Harmonies

Analogous

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



764358



5153495



8820951

Triad

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



5153495



14189195



8168812

Complementary

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



5153495



14123854

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.



10460508



5153495



13731951

Square

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



5153495



13534124



12424029



5483145

Rectangle

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



5153495



10850510



12424029



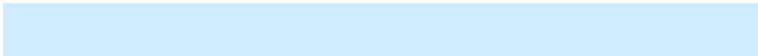
8954725

Sweetspot

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



5153495



13626623



5166979



6452352



0



8421504

Same Dimension

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



5153495



4044031



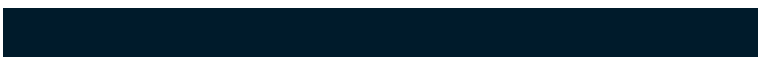
5136087



6317931



27051



6955

Inverse Universe

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



14110370



16727476



14141262



7037031



11206761



2818075

Previews

White Background



This preview shows how the Decimal color 5153495 looks on a white background.

Color Contrast Check

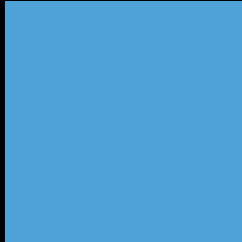
Large Text (above 18pt) WCAG AA × Fail

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 5153495 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 5153495 Background



This preview shows how black text looks on a background with the Decimal color 5153495.




This preview shows how white text looks on a background with the Decimal color 5153495.

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](#).

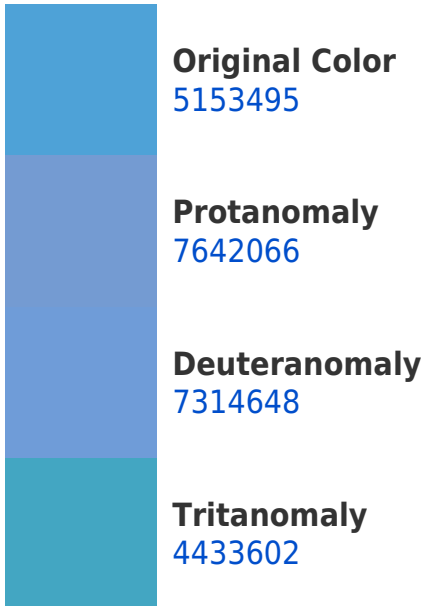
Dichromacy





Tritanopia
4040886

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5153495 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 #4EA2D7 looks like.

```
.text, #text, p{  
    color:#4EA2D7  
}
```

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 #4EA2D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA2D7
}
```

Border

The CSS property to change the border of an element to Decimal 5153495 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
#4EA2D7 }
```

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

```
.border{ border-color:#4EA2D7 }
```

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

Here you see how a box with a 4 pixel #4EA2D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA2D7; -webkit-box-shadow:4px 4px  
4px 4px #4EA2D7; box-shadow:4px 4px 4px  
4px #4EA2D7 }
```

Background

The CSS property to change the background color of an element to Decimal 5153495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA2D7 }
```

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

```
.background{ background-color:#4EA2D7 }
```

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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