

Converting Colors

Decimal(555931)

Have a look what the booklet for
Decimal(555931) contains.

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Color

Decimal(555931)

Conversions

Conversions Part 1

Format	Color
Hex	087B9B
RGB	8, 123, 155
RGB Percent	3%, 48%, 61%
CMY	0.9686, 0.5176, 0.3922
CMYK	0.95, 0.21, 0.00, 0.39
HSL	193°, 90%, 32%
HSV	193°, 95%, 61%
XYZ	13.0995, 16.5841, 33.5210
YIQ	92.2630, -78.8120, -14.4280

Conversions

Conversions Part 2

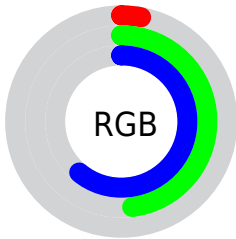
Format	Color
RYB	8, 73, 155
Decimal	555931
CIELab	47.73, -16.43, -25.16
CIELCh	48, 30.055, 236.851
Yxy	16.5841, 0.2073, 0.2624
Android (android.graphics.Color)	4278746011 (0xFF087B9B)
YUV	92.2630, 30.9293, -73.8987
Hunter-Lab	40.7236, -13.8484, -20.2971

Details

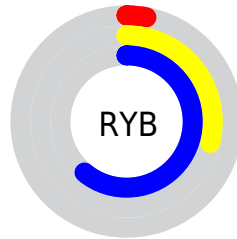
The Decimal color **555931** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **10168328**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **5812434**, and **19048** is the 20% darker color. If you saturate the color by 10%, you get **31131**, and if you desaturate by 10%, it is **1539739**.

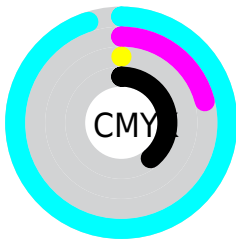
Distribution



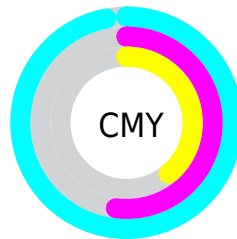
- Red (3%)
- Green (48%)
- Blue (61%)



- Red (3%)
- Yellow (29%)
- Blue (61%)



- Cyan (95%)
- Magenta (21%)
- Yellow (0%)
- Black (39%)




- Cyan (97%)
- Magenta (52%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 555931 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 555931 by changing the saturation by 10% instead.

 555931  555931

16777215  25217

 5812434  19048

 7785454  13135

 9693183  7992

 11599871  547

 13565951  10

 15532031  0

 555931  555931

 31131  1539739

■ 2589339

■ 3573147

■ 4622491

■ 5606555

■ 6655899

■ 7639963

■ 8689307

■ 9673115

Harmonies

Analogous

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



32391



555931



4617635

Triad

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



555931



10444149



6977347

Complementary

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



555931



10168328

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.



8679230



555931



10641244

Square

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



555931



9397133



9987656



5012565

Rectangle

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



555931



6516642



9987656



7566400

Sweetspot

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



555931



9551305



564008



4415078



15132390



6710886

Same Dimension

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



555931



40649



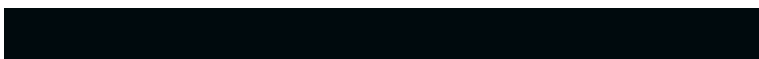
537243



4541261



28300



2573

Inverse Universe

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



10160251



13172894



10187016



5064011



9175150



851978

Previews

White Background



This preview shows how the Decimal color 555931 looks on a white background.

Color Contrast Check

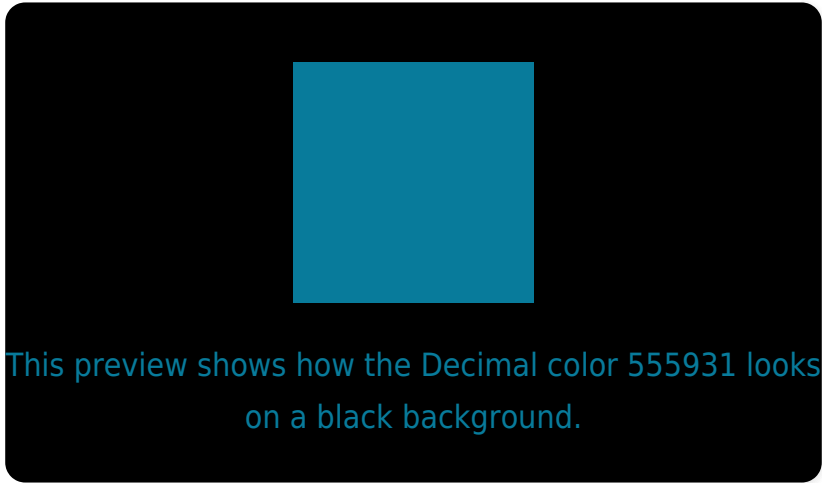
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

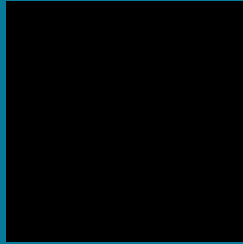
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 555931 Background



This preview shows how black text looks on a background with the Decimal color 555931.

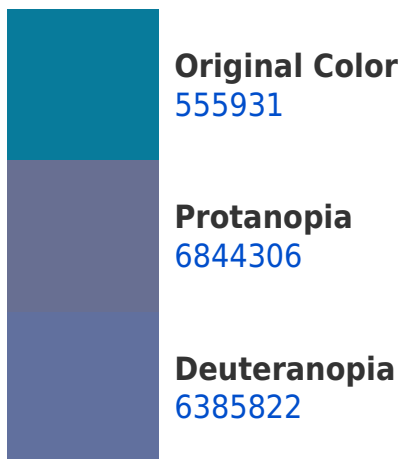


This preview shows how white text looks on a background with the Decimal color 555931.

Color Blindness Simulation

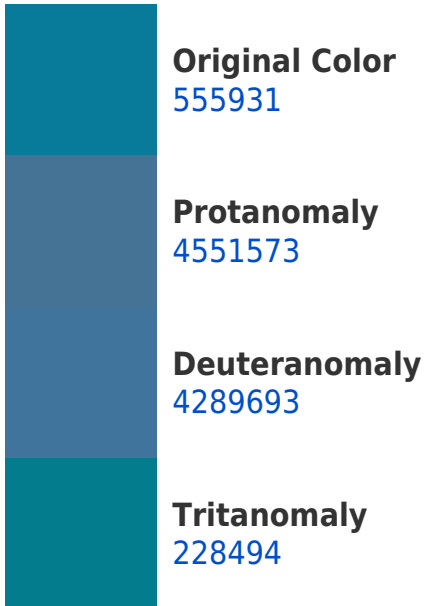
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 555931 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 #087B9B looks like.

```
.text, #text, p{  
  color:#087B9B  
}
```

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 #087B9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #087B9B
}
```

Border

The CSS property to change the border of an element to Decimal 555931 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
#087B9B }
```

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

```
.border{ border-color:#087B9B }
```

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

Here you see how a box with a 4 pixel #087B9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #087B9B; -webkit-box-shadow:4px 4px  
4px 4px #087B9B; box-shadow:4px 4px 4px  
4px #087B9B }
```

Background

The CSS property to change the background color of an element to Decimal 555931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#087B9B }
```

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

```
.background{ background-color:#087B9B }
```

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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