

Converting Colors

Decimal(5815200)

Have a look what the booklet for
Decimal(5815200) contains.

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Color

Decimal(5815200)

Conversions

Conversions Part 1

Format	Color
Hex	58BBA0
RGB	88, 187, 160
RGB Percent	35%, 73%, 63%
CMY	0.6549, 0.2667, 0.3725
CMYK	0.53, 0.00, 0.14, 0.27
HSL	164°, 42%, 54%
HSV	164°, 53%, 73%
XYZ	28.1400, 40.1534, 39.5250
YIQ	154.3210, -50.3370, -29.3850

Conversions

Conversions Part 2

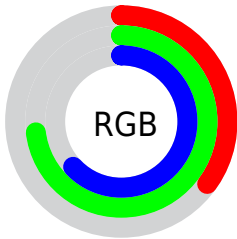
Format	Color
RYB	88, 145, 187
Decimal	5815200
CIELab	69.58, -35.63, 4.88
CIElCh	70, 35.960, 172.202
Yxy	40.1534, 0.2610, 0.3724
Android (android.graphics.Color)	4284005280 (0xFF58BBA0)
YUV	154.3210, 2.7997, -58.1635
Hunter-Lab	63.3667, -31.6232, 7.3746

Details

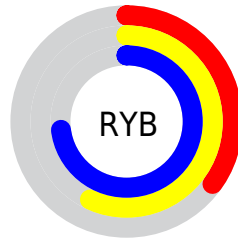
The Decimal color **5815200** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12277875**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **9565399**, and **1475949** is the 20% darker color. If you saturate the color by 10%, you get **4570011**, and if you desaturate by 10%, it is **7060389**.

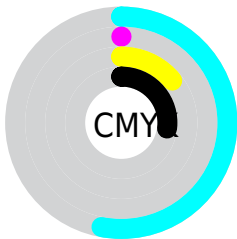
Distribution



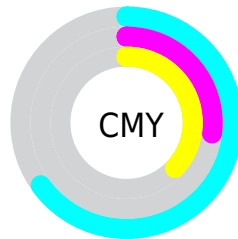
- Red (35%)
- Green (73%)
- Blue (63%)



- Red (35%)
- Yellow (57%)
- Blue (73%)



- Cyan (53%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)



- Cyan (65%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5815200 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 5815200 by changing the saturation by 10% instead.

■ 5815200

■ 5815200

16777215

■ 3842182

■ 9565399

■ 1475949

■ 11403251

■ 27476

■ 13303807

■ 21053

■ 15269887

■ 15143

■ 9747

■ 0

■ 5815200

■ 5815200

■ 4570011

■ 7060389

■ 3390358

■ 8240042

■ 2145169

■ 9485231

■ 899980

■ 10730420

■ 48008

■ 11910074

■ 13155263

■ 14400452

■ 15645641

■ 16759758

Harmonies

Analogous

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



8501121



5815200



3193793

Triad

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



5815200



10659302



14654072

Complementary

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



5815200



12277875

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.



15372947



5815200



13343186

Square

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



5815200



7188714



14979764



13084009

Rectangle

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



5815200



3062229



14979764



15046528

Sweetspot

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



5815200



13365992



7650136



6519412



16448250



8026746

Same Dimension

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



5815200



5763784



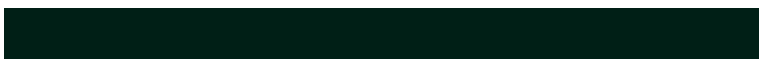
5809851



5594716



40563



7958

Inverse Universe

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



12277875



15882113



12283224



6182231



10354731



2031624

Previews

White Background



This preview shows how the Decimal color 5815200 looks on a white background.

Color Contrast Check

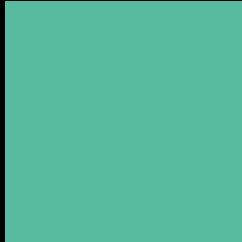
Large Text (above 18pt) WCAG AA × Fail

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 5815200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

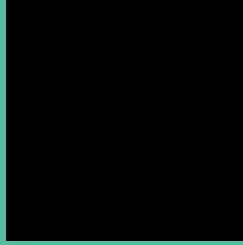
Any Text WCAG AA ✓ Pass

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 5815200 Background



This preview shows how black text looks on a background with the Decimal color 5815200.

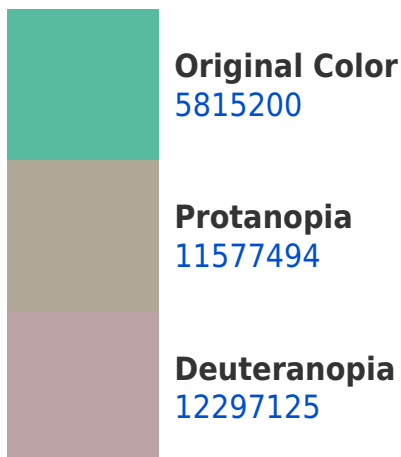


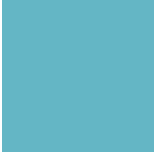
This preview shows how white text looks on a background with the Decimal color 5815200.

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](#).

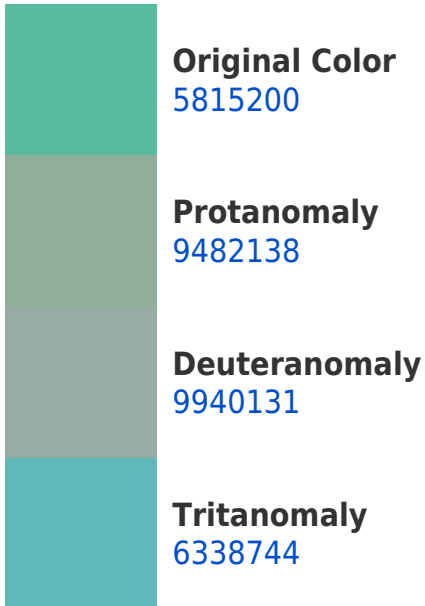
Dichromacy





Tritanopia
6600389

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5815200 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 #58BBA0 looks like.

```
.text, #text, p{  
    color:#58BBA0  
}
```

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 #58BBA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58BBA0
}
```

Border

The CSS property to change the border of an element to Decimal 5815200 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
#58BBA0 }
```

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

```
.border{ border-color:#58BBA0 }
```

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

Here you see how a box with a 4 pixel #58BBA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58BBA0; -webkit-box-shadow:4px 4px  
4px 4px #58BBA0; box-shadow:4px 4px 4px  
4px #58BBA0 }
```

Background

The CSS property to change the background color of an element to Decimal 5815200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58BBA0 }
```

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

```
.background{ background-color:#58BBA0 }
```

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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