

Converting Colors

Decimal(6529711)

Have a look what the booklet for
Decimal(6529711) contains.

Decimal(6529711)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6529711)

Conversions

Conversions Part 1

Format	Color
Hex	63A2AF
RGB	99, 162, 175
RGB Percent	39%, 64%, 69%
CMY	0.6118, 0.3647, 0.3137
CMYK	0.43, 0.07, 0.00, 0.31
HSL	190°, 32%, 54%
HSV	190°, 43%, 69%
XYZ	25.8038, 31.5885, 45.2946
YIQ	144.6450, -41.7210, -9.3130

Conversions

Conversions Part 2

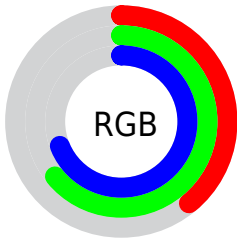
Format	Color
R _{YB}	99, 133, 175
Decimal	6529711
CIE Lab	63.00, -16.77, -13.09
CIE LCh	63, 21.271, 217.981
Yxy	31.5885, 0.2513, 0.3076
Android (android.graphics.Color)	4284719791 (0xFF63A2AF)
YUV	144.6450, 14.9650, -40.0307
Hunter-Lab	56.2036, -16.4047, -8.4394

Details

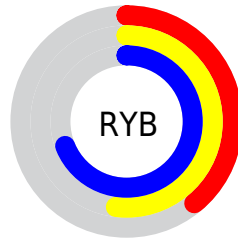
The Decimal color **6529711** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **11497571**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **10148327**, and **2911867** is the 20% darker color. If you saturate the color by 10%, you get **5414831**, and if you desaturate by 10%, it is **7710127**.

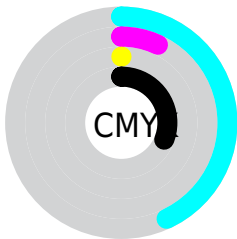
Distribution



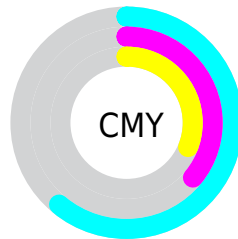
- Red (39%)
- Green (64%)
- Blue (69%)



- Red (39%)
- Yellow (52%)
- Blue (69%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (31%)



- Cyan (61%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6529711 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 6529711 by changing the saturation by 10% instead.



6529711



6529711

16777215



4753556



10148327



2911867



11924991



480866



13828095



15946



15728639



10291



5150



2



0



6529711



6529711

■ 5414831

■ 7710127

■ 4234415

■ 8825007

■ 3119535

■ 10005423

■ 1939119

■ 11120303

■ 824239

■ 12300719

■ 37295

■ 13415599

■ 14530479

■ 15710895

■ 16760239

Harmonies

Analogous

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



6792093



6529711



7380667

Triad

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



6529711



11898279



10590579

Complementary

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



6529711



11497571

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.



11768694



6529711



12553108

Square

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



6529711



10654390



12422530



9215610

Rectangle

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



6529711



8428478



12422530



11048819

Sweetspot

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



6529711



12967651



6532976



6320243



15921906



7566195

Same Dimension

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



6529711



7196643



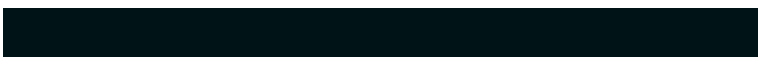
6519983



5133655



32150



4887

Inverse Universe

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



11494306



14904783



11507299



5721685



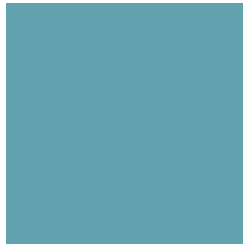
9830525



1507347

Previews

White Background



This preview shows how the Decimal color 6529711 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 6529711 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 6529711 Background



This preview shows how black text looks on a background with the Decimal color 6529711.



This preview shows how white text looks on a background with the Decimal color 6529711.

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



Original Color
6529711

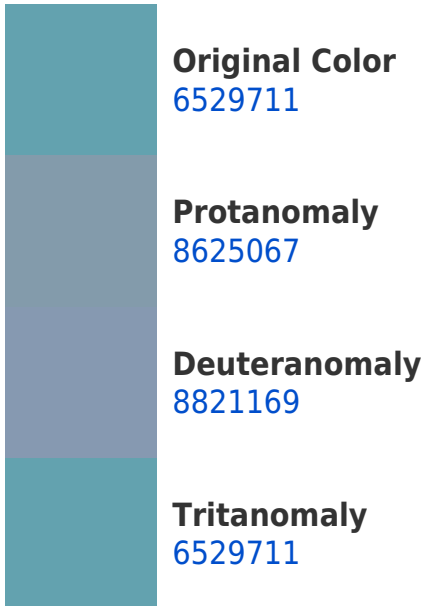
Protanopia
9869224

Deuteranopia
10130610



Tritanopia
6529711

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6529711 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 #63A2AF looks like.

```
.text, #text, p{  
  color:#63A2AF  
}
```

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 #63A2AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A2AF
}
```

Border

The CSS property to change the border of an element to Decimal 6529711 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
#63A2AF }
```

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

```
.border{ border-color:#63A2AF }
```

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

Here you see how a box with a 4 pixel #63A2AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A2AF; -webkit-box-shadow:4px 4px  
4px 4px #63A2AF; box-shadow:4px 4px 4px  
4px #63A2AF }
```

Background

The CSS property to change the background color of an element to Decimal 6529711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A2AF }
```

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

```
.background{ background-color:#63A2AF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor