

Converting Colors

Decimal(6266015)

Have a look what the booklet for
Decimal(6266015) contains.

Decimal(6266015)	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(6266015)

Conversions

Conversions Part 1

Format	Color
Hex	5F9C9F
RGB	95, 156, 159
RGB Percent	37%, 61%, 62%
CMY	0.6275, 0.3882, 0.3765
CMYK	0.40, 0.02, 0.00, 0.38
HSL	183°, 25%, 50%
HSV	183°, 40%, 62%
XYZ	22.8658, 28.7130, 37.1379
YIQ	138.1030, -37.3190, -11.9990

Conversions

Conversions Part 2

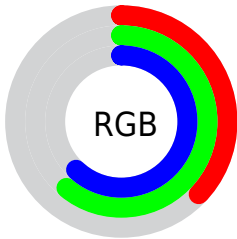
Format	Color
R _Y B	95, 126, 159
Decimal	6266015
CIE Lab	60.53, -18.89, -7.79
CIE LCh	61, 20.434, 202.423
Yxy	28.7130, 0.2577, 0.3236
Android (android.graphics.Color)	4284456095 (0xFF5F9C9F)
YUV	138.1030, 10.3022, -37.8013
Hunter-Lab	53.5845, -17.6028, -3.5830

Details

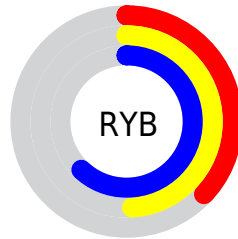
The Decimal color **6266015** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10445407**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **9819094**, and **2779500** is the 20% darker color. If you saturate the color by 10%, you get **5217183**, and if you desaturate by 10%, it is **7314847**.

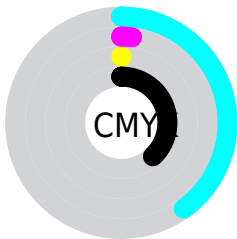
Distribution



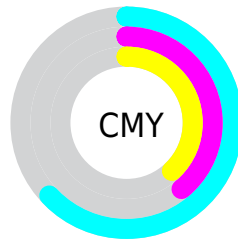
- Red (37%)
- Green (61%)
- Blue (62%)



- Red (37%)
- Yellow (49%)
- Blue (62%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (63%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6266015 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 6266015 by changing the saturation by 10% instead.

6266015

6266015

16777215

4555397

9819094

2779500

11595762

479315

13500415

14652

15335423

8999

1043

0

6266015

6266015

5217183

7314847

4168607

8363423

3119775

9412255

2070943

10461087

1087647

11509919

39071

12492959

13541791

14590623

15639455

Harmonies

Analogous

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



6986893



6266015



6527662

Triad

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



6266015



10848680



10784622

Complementary

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



6266015



10445407

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.



11635062



6266015



11765143

Square

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



6266015



9408435



12027525



9540976

Rectangle

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



6266015



7313332



12027525



11111792

Sweetspot

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



6266015



11980239



6266721



5924969



15263976



6908265

Same Dimension

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



6266015



7064271



6258079



4673359



34959



3855

Inverse Universe

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



10444700



13593546



10453343



5195599



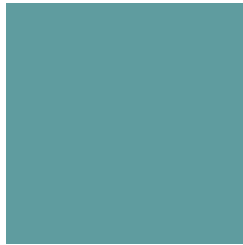
9371784



983055

Previews

White Background



This preview shows how the Decimal color 6266015 looks on a white 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

Black Background



This preview shows how the Decimal color 6266015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

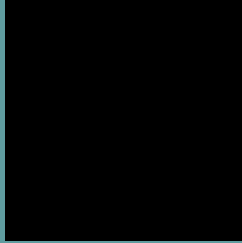
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 6266015 Background



This preview shows how black text looks on a background with the Decimal color 6266015.

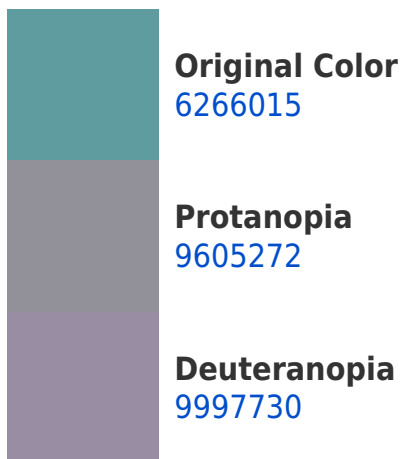



This preview shows how white text looks on a background with the Decimal color 6266015.

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](#).

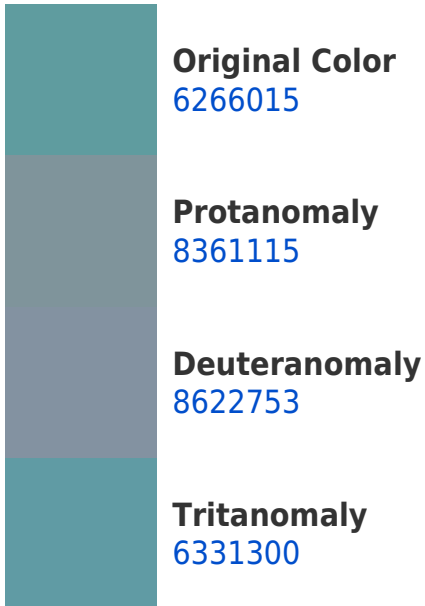
Dichromacy



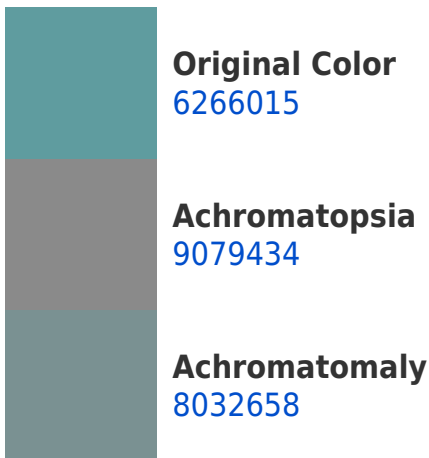


Tritanopia
6396839

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6266015 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 #5F9C9F looks like.

```
.text, #text, p{  
    color:#5F9C9F  
}
```

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 #5F9C9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9C9F
}
```

Border

The CSS property to change the border of an element to Decimal 6266015 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
#5F9C9F }
```

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

```
.border{ border-color:#5F9C9F }
```

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

Here you see how a box with a 4 pixel #5F9C9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9C9F; -webkit-box-shadow:4px 4px  
4px 4px #5F9C9F; box-shadow:4px 4px 4px  
4px #5F9C9F }
```

Background

The CSS property to change the background color of an element to Decimal 6266015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9C9F }
```

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

```
.background{ background-color:#5F9C9F }
```

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