

Converting Colors

Decimal(6202266)

Have a look what the booklet for
Decimal(6202266) contains.

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Color

Decimal(6202266)

Conversions

Conversions Part 1

Format	Color
Hex	5EA39A
RGB	94, 163, 154
RGB Percent	37%, 64%, 60%
CMY	0.6314, 0.3608, 0.3961
CMYK	0.42, 0.00, 0.06, 0.36
HSL	172°, 27%, 50%
HSV	172°, 42%, 64%
XYZ	23.5460, 30.9072, 35.2965
YIQ	141.3430, -38.2350, -17.4270

Conversions

Conversions Part 2

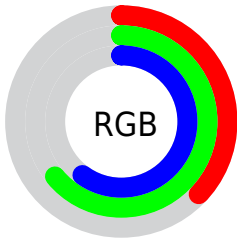
Format	Color
RYB	94, 131, 163
Decimal	6202266
CIELab	62.43, -24.03, -2.17
CIElCh	62, 24.130, 185.152
Yxy	30.9072, 0.2624, 0.3444
Android (android.graphics.Color)	4284392346 (0xFF5EA39A)
YUV	141.3430, 6.2399, -41.5198
Hunter-Lab	55.5942, -21.6891, 1.2730

Details

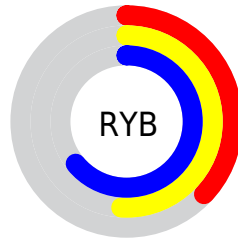
The Decimal color **6202266** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10706535**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **9755344**, and **2649959** is the 20% darker color. If you saturate the color by 10%, you get **5153688**, and if you desaturate by 10%, it is **7250844**.

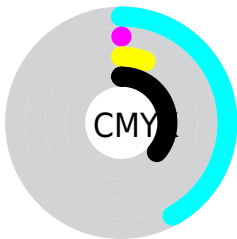
Distribution



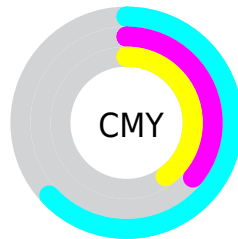
- Red (37%)
- Green (64%)
- Blue (60%)



- Red (37%)
- Yellow (51%)
- Blue (64%)



- Cyan (42%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (63%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6202266 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 6202266 by changing the saturation by 10% instead.



6202266



6202266

16777215



4426112



9755344



2649959



11597805



218703



13434879



16184



15335423



10275



4109



0



6202266



6202266



5153688



7250844

■ 4039574

■ 8364958

■ 2990996

■ 9413536

■ 1942417

■ 10462115

■ 893839

■ 11576229

■ 41870

■ 12624807

■ 13673385

■ 14721963

■ 15836077

Harmonies

Analogous

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



7577988



6202266



5743279

Triad

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



6202266



10457274



11964529

Complementary

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



6202266



10706535

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.



12683903



6202266



11963049

Square

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



6202266



8493249



12683156



10721132

Rectangle

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



6202266



6201529



12683156



12225909

Sweetspot

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



6202266



12113104



6792030



5925737



15461355



7039851

Same Dimension

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



6202266



6870214



6195875



4805201



37246



4624

Inverse Universe

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



10706535



13920374



10712926



5392715



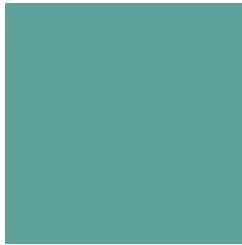
9502739



1179650

Previews

White Background



This preview shows how the Decimal color 6202266 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 6202266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

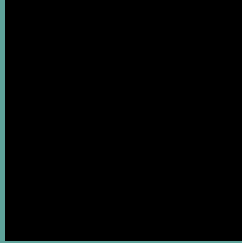
Any Text WCAG AA ✓ Pass

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 6202266 Background



This preview shows how black text looks on a background with the Decimal color 6202266.

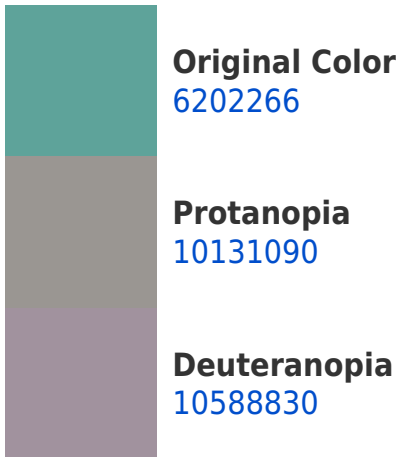


This preview shows how white text looks on a background with the Decimal color 6202266.

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
6529197

Trichromacy



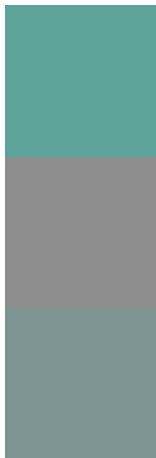
Original Color
6202266

Protanomaly
8690581

Deuteranomaly
9017501

Tritanomaly
6398374

Monochromacy



Original Color
6202266

Achromatopsia
9276813

Achromatomaly
8164754

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6202266 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 #5EA39A looks like.

```
.text, #text, p{  
  color:#5EA39A  
}
```

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 #5EA39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA39A
}
```

Border

The CSS property to change the border of an element to Decimal 6202266 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
#5EA39A }
```

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

```
.border{ border-color:#5EA39A }
```

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

Here you see how a box with a 4 pixel #5EA39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA39A; -webkit-box-shadow:4px 4px  
4px 4px #5EA39A; box-shadow:4px 4px 4px  
4px #5EA39A }
```

Background

The CSS property to change the background color of an element to Decimal 6202266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA39A }
```

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

```
.background{ background-color:#5EA39A }
```

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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