

Converting Colors

Decimal(6128285)

Have a look what the booklet for
Decimal(6128285) contains.

Decimal(6128285)	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(6128285)

Conversions

Conversions Part 1

Format	Color
Hex	5D829D
RGB	93, 130, 157
RGB Percent	36%, 51%, 62%
CMY	0.6353, 0.4902, 0.3843
CMYK	0.41, 0.17, 0.00, 0.38
HSL	205°, 26%, 49%
HSV	205°, 41%, 62%
XYZ	18.5826, 20.7267, 34.9195
YIQ	122.0150, -30.7190, 0.5530

Conversions

Conversions Part 2

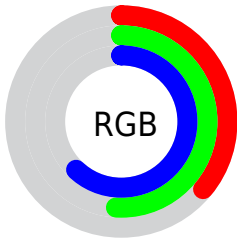
Format	Color
R_{YB}	93, 116, 157
Decimal	6128285
CIE _{Lab}	52.65, -5.70, -18.54
CIE _{LCh}	53, 19.396, 252.896
Yxy	20.7267, 0.2503, 0.2792
Android (android.graphics.Color)	4284318365 (0xFF5D829D)
YUV	122.0150, 17.2476, -25.4462
Hunter-Lab	45.5266, -6.8131, -13.6076

Details

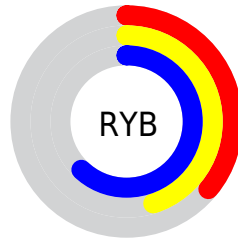
The Decimal color **6128285** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **10319965**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **9615316**, and **2773354** is the 20% darker color. If you saturate the color by 10%, you get **5077917**, and if you desaturate by 10%, it is **7178653**.

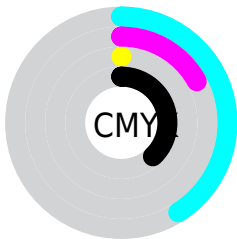
Distribution



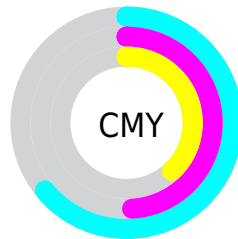
- Red (36%)
- Green (51%)
- Blue (62%)



- Red (36%)
- Yellow (45%)
- Blue (62%)



- Cyan (41%)
- Magenta (17%)
- Yellow (0%)
- Black (38%)



- Cyan (64%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6128285 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 6128285 by changing the saturation by 10% instead.

■ 6128285

■ 6128285

16777215

■ 4417923

■ 9615316

■ 2773354

■ 11391728

■ 801361

■ 13234175

■ 9274

■ 15138815

■ 3877

■ 270

■ 0

■ 6128285

■ 6128285

■ 5077917

■ 7178653

■ 4093341

■ 8163229

■ 3042973

■ 9213597

■ 1992861

■ 10263709

■ 942493

■ 11248541

■ 23453

■ 12298909

■ 13349021

■ 14399389

■ 15384221

Harmonies

Analogous

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



5211796



6128285



7568798

Triad

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



6128285



10515063



7373669

Complementary

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



6128285



10319965

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.



8617821



6128285



10318952

Square

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



6128285



10056584



9664862



6129267

Rectangle

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



6128285



8550810



9664862



7766625

Sweetspot

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



6128285



11846348



6135160



5791846



15132390



6710886

Same Dimension

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



6128285



6857420



6120093



4672591



21391



2319

Inverse Universe

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



10313090



13396130



10328157



5195596



9371731



983049

Previews

White Background



This preview shows how the Decimal color 6128285 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 6128285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

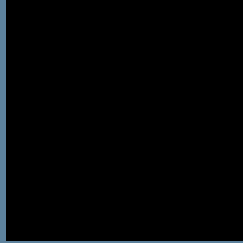
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

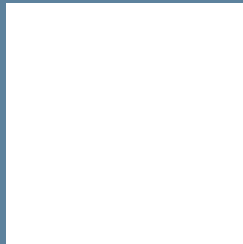
Any Text WCAG AAA × Fail

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

Decimal 6128285 Background



This preview shows how black text looks on a background with the Decimal color 6128285.

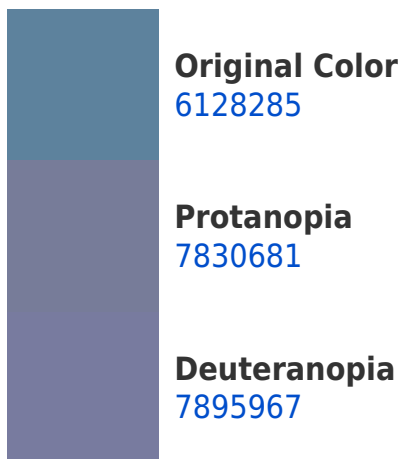


This preview shows how white text looks on a background with the Decimal color 6128285.

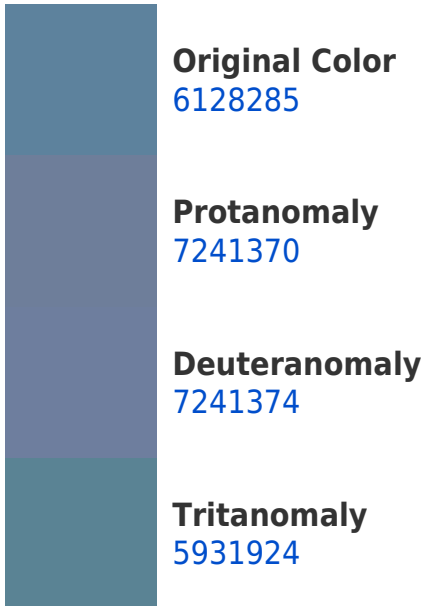
Color Blindness Simulation

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](#).

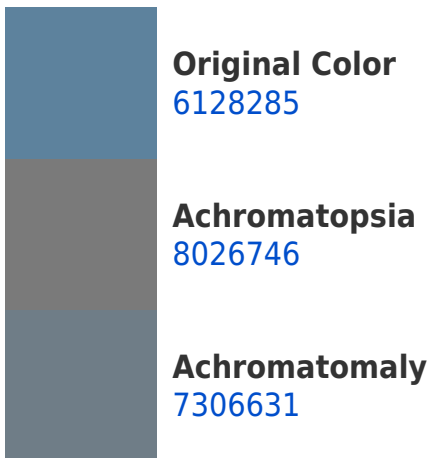
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6128285 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 #5D829D looks like.

```
.text, #text, p{  
    color:#5D829D  
}
```

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 #5D829D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D829D
}
```

Border

The CSS property to change the border of an element to Decimal 6128285 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
#5D829D }
```

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

```
.border{ border-color:#5D829D }
```

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

Here you see how a box with a 4 pixel #5D829D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D829D; -webkit-box-shadow:4px 4px  
4px 4px #5D829D; box-shadow:4px 4px 4px  
4px #5D829D }
```

Background

The CSS property to change the background color of an element to Decimal 6128285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D829D }
```

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

```
.background{ background-color:#5D829D }
```

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