

Converting Colors

Decimal(6200015)

Have a look what the booklet for
Decimal(6200015) contains.

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Color

Decimal(6200015)

Conversions

Conversions Part 1

Format	Color
Hex	5E9ACF
RGB	94, 154, 207
RGB Percent	37%, 60%, 81%
CMY	0.6314, 0.3961, 0.1882
CMYK	0.55, 0.26, 0.00, 0.19
HSL	208°, 54%, 59%
HSV	208°, 55%, 81%
XYZ	27.4342, 29.9959, 63.3753
YIQ	142.1020, -52.7730, 3.7630

Conversions

Conversions Part 2

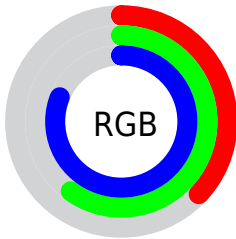
Format	Color
R_{YB}	94, 133, 207
Decimal	6200015
CIE _{Lab}	61.65, -4.26, -33.11
CIE _{LCh}	62, 33.380, 262.660
Yxy	29.9959, 0.2271, 0.2483
Android (android.graphics.Color)	4284390095 (0xFF5E9ACF)
YUV	142.1020, 31.9947, -42.1855
Hunter-Lab	54.7685, -6.4321, -30.2694

Details

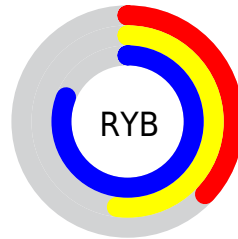
The Decimal color **6200015** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **13603678**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **9949439**, and **1927064** is the 20% darker color. If you saturate the color by 10%, you get **4821199**, and if you desaturate by 10%, it is **7578831**.

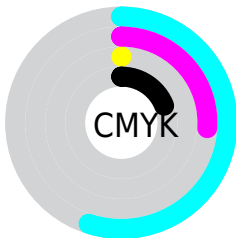
Distribution



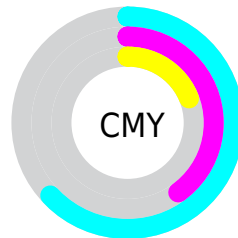
- Red (37%)
- Green (60%)
- Blue (81%)



- Red (37%)
- Yellow (52%)
- Blue (81%)



- Cyan (55%)
- Magenta (26%)
- Yellow (0%)
- Black (19%)



- Cyan (63%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6200015 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 6200015 by changing the saturation by 10% instead.

■ 6200015

■ 6200015

16777215

■ 4227251

■ 9949439

■ 1927064

■ 11857151

■ 20350

■ 13762559

■ 14693

■ 15728639

■ 9037

■ 3382

■ 544

■ 4

■ 0

■ 6200015

■ 6200015

■ 4821199

■ 7578831

■ 3508175

■ 8891855

■ 2129359

■ 10270671

■ 750543

■ 11649487

■ 28367

■ 13028303

■ 14341327

■ 15720143

■ 16771279

■ 16773583

Harmonies

Analogous

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



2924995



6200015



9343179

Triad

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



6200015



13598592



7315824

Complementary

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



6200015



13603678

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.



9607773



6200015



12944999

Square

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



6200015



13205405



11506010



4826252

Rectangle

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



620015



11045313



11506010



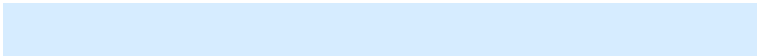
8101736

Sweetspot

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



6200015



14085375



6213523



6780032



0



8421504

Same Dimension

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



6200015



5746943



6185679



6186089



22952



5673

Inverse Universe

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



13590170



16734128



13618014



6905444



11010137



2686998

Previews

White Background



This preview shows how the Decimal color 6200015 looks on a white background.

Color Contrast Check

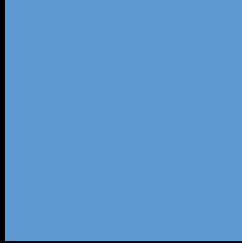
Large Text (above 18pt) WCAG AA ✓ Pass

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 6200015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

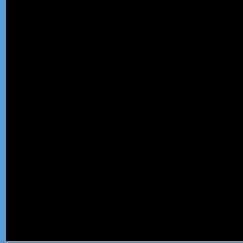
Any Text WCAG AA ✓ Pass

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 6200015 Background



This preview shows how black text looks on a background with the Decimal color 6200015.




This preview shows how white text looks on a background with the Decimal color 6200015.

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](#).

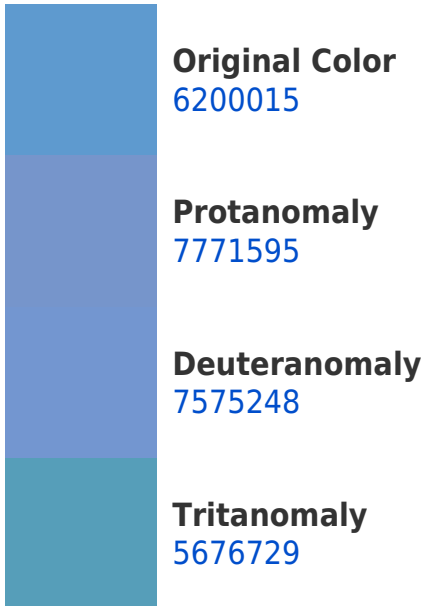
Dichromacy



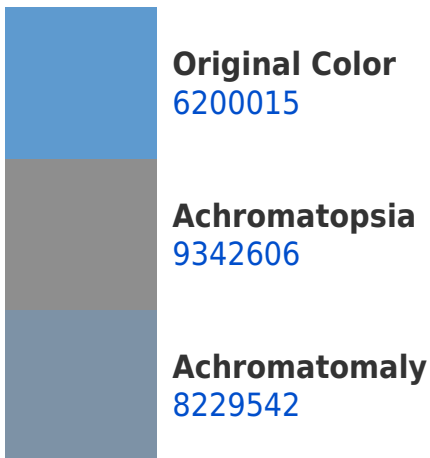


Tritanopia
5349549

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6200015 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 #5E9ACF looks like.

```
.text, #text, p{  
    color:#5E9ACF  
}
```

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 #5E9ACF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E9ACF
}
```

Border

The CSS property to change the border of an element to Decimal 6200015 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
#5E9ACF }
```

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

```
.border{ border-color:#5E9ACF }
```

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

Here you see how a box with a 4 pixel #5E9ACF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E9ACF; -webkit-box-shadow:4px 4px  
4px 4px #5E9ACF; box-shadow:4px 4px 4px  
4px #5E9ACF }
```

Background

The CSS property to change the background color of an element to Decimal 6200015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E9ACF }
```

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

```
.background{ background-color:#5E9ACF }
```

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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