

Converting Colors

Decimal(6186915)

Have a look what the booklet for
Decimal(6186915) contains.

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Color

Decimal(6186915)

Conversions

Conversions Part 1

Format	Color
Hex	5E67A3
RGB	94, 103, 163
RGB Percent	37%, 40%, 64%
CMY	0.6314, 0.5961, 0.3608
CMYK	0.42, 0.37, 0.00, 0.36
HSL	232°, 27%, 50%
HSV	232°, 42%, 64%
XYZ	16.0772, 14.7245, 36.6451
YIQ	107.1490, -24.6240, 16.7520

Conversions

Conversions Part 2

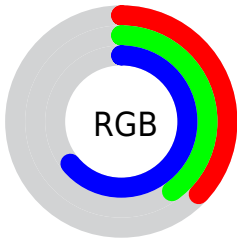
Format	Color
R_{YB}	94, 102, 163
Decimal	6186915
CIE _{Lab}	45.25, 12.49, -33.51
CIE _{LCh}	45, 35.759, 290.447
Yxy	14.7245, 0.2384, 0.2183
Android (android.graphics.Color)	4284376995 (0xFF5E67A3)
YUV	107.1490, 27.5345, -11.5317
Hunter-Lab	38.3725, 7.6354, -29.7601

Details

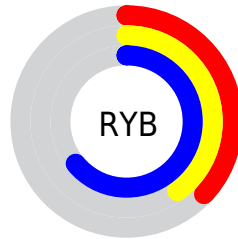
The Decimal color **6186915** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10721886**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **9673434**, and **2766959** is the 20% darker color. If you saturate the color by 10%, you get **5134755**, and if you desaturate by 10%, it is **7239075**.

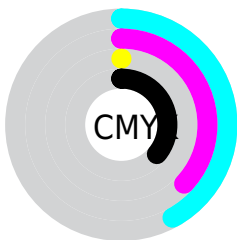
Distribution



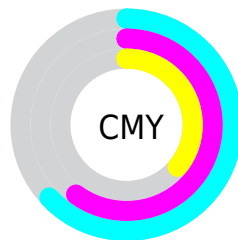
- Red (37%)
- Green (40%)
- Blue (64%)



- Red (37%)
- Yellow (40%)
- Blue (64%)



- Cyan (42%)
- Magenta (37%)
- Yellow (0%)
- Black (36%)



- Cyan (63%)
- Magenta (60%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6186915 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 6186915 by changing the saturation by 10% instead.



6186915



6186915

16777215



4476809



9673434



2766959



11515383



729942



13357311



3647



15199487



808



274



0



6186915



6186915



5134755



7239075

■ 4017059

■ 8356771

■ 2964643

■ 9409187

■ 1912483

■ 10461347

■ 860323

■ 11579043

■ 5539

■ 12631203

■ 13683363

■ 14735523

■ 15853475

Harmonies

Analogous

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



1405350



6186915



8870801

Triad

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



6186915



10115902



359008

Complementary

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



6186915



10721886

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.



4617796



6186915



8742447

Square

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



6186915



10703704



6910001



31359

Rectangle

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



6186915



9983360



6910001



2521430

Sweetspot

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



6186915



12106964



6202266



5921899



15461355



7039851

Same Dimension

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



6186915



6846164



7823011



4803410



5009



530

Inverse Universe

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



10706535



13920374



9085790



5392715



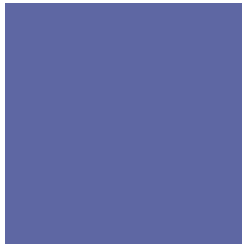
9502739



1179650

Previews

White Background



This preview shows how the Decimal color 6186915 looks on a white 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

Black Background



This preview shows how the Decimal color 6186915 looks on a black 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

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

Decimal 6186915 Background



This preview shows how black text looks on a background with the Decimal color 6186915.



This preview shows how white text looks on a background with the Decimal color 6186915.

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


6186915

Protanopia

5597605

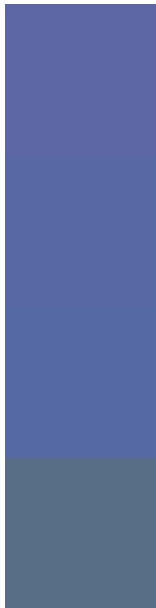
Deuteranopia

5270434



Tritanopia
5468281

Trichromacy



Original Color
6186915

Protanomaly
5793956

Deuteranomaly
5597858

Tritanomaly
5729672

Monochromacy



Original Color
6186915

Achromatopsia
7039851

Achromatomaly
6711935

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6186915 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 #5E67A3 looks like.

```
.text, #text, p{  
  color:#5E67A3  
}
```

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 #5E67A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E67A3
}
```

Border

The CSS property to change the border of an element to Decimal 6186915 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
#5E67A3 }
```

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

```
.border{ border-color:#5E67A3 }
```

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

Here you see how a box with a 4 pixel #5E67A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E67A3; -webkit-box-shadow:4px 4px  
4px 4px #5E67A3; box-shadow:4px 4px 4px  
4px #5E67A3 }
```

Background

The CSS property to change the background color of an element to Decimal 6186915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E67A3 }
```

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

```
.background{ background-color:#5E67A3 }
```

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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