

Converting Colors

Decimal(6189974)

Have a look what the booklet for
Decimal(6189974) contains.

Decimal(6189974)	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(6189974)

Conversions

Conversions Part 1

Format	Color
Hex	5E7396
RGB	94, 115, 150
RGB Percent	37%, 45%, 59%
CMY	0.6314, 0.5490, 0.4118
CMYK	0.37, 0.23, 0.00, 0.41
HSL	218°, 23%, 48%
HSV	218°, 37%, 59%
XYZ	16.2518, 16.8432, 31.2487
YIQ	112.7110, -23.7510, 6.4330

Conversions

Conversions Part 2

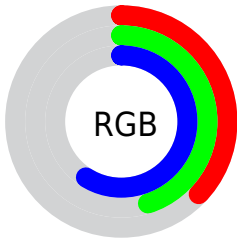
Format	Color
R _Y B	94, 109, 150
Decimal	6189974
CIE Lab	48.06, 1.39, -21.47
CIE LCh	48, 21.517, 273.703
Yxy	16.8432, 0.2526, 0.2618
Android (android.graphics.Color)	4284380054 (0xFF5E7396)
YUV	112.7110, 18.3835, -16.4095
Hunter-Lab	41.0404, -1.1354, -16.4158

Details

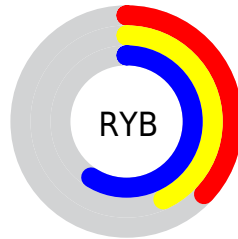
The Decimal color **6189974** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9863518**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **9611212**, and **2900835** is the 20% darker color. If you saturate the color by 10%, you get **5204630**, and if you desaturate by 10%, it is **7175318**.

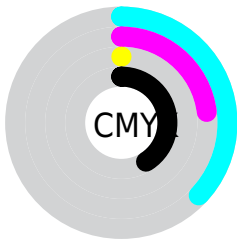
Distribution



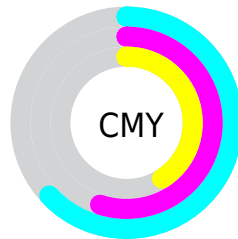
- Red (37%)
- Green (45%)
- Blue (59%)



- Red (37%)
- Yellow (43%)
- Blue (59%)



- Cyan (37%)
- Magenta (23%)
- Yellow (0%)
- Black (41%)



- Cyan (63%)
- Magenta (55%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6189974 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 6189974 by changing the saturation by 10% instead.

■ 6189974

■ 6189974

16777215

■ 4545404

■ 9611212

■ 2900835

■ 11387624

■ 1256779

■ 13229823

■ 6452

■ 15137535

■ 543

■ 2

■ 0

■ 6189974

■ 6189974

■ 5204630

■ 7175318

■ 4219030

■ 8160918

■ 3233686

■ 9146262

■ 2248342

■ 10131862

■ 1262742

■ 11117206

■ 277398

■ 12102550

■ 14486

■ 13088150

■ 14073494

■ 15058838

Harmonies

Analogous

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



4552850



6189974



7892368

Triad

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



6189974



9791071



5536609

Complementary

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



6189974



9863518

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.



6911827



6189974



9202514

Square

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



6189974



9790832



8221262



4291700

Rectangle

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



6189974



8808840



8221262



5995100

Sweetspot

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



6189974



11318466



6198913



5527905



14737632



6381921

Same Dimension

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



6189974



7048130



6643350



4408650



13450



1034

Inverse Universe

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



9854579



12741515



9410142



4866885



9044020



655364

Previews

White Background



This preview shows how the Decimal color 6189974 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 6189974 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

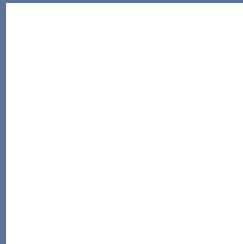
Any Text WCAG AAA × Fail

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

Decimal 6189974 Background



This preview shows how black text looks on a background with the Decimal color 6189974.

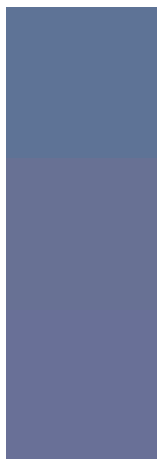


This preview shows how white text looks on a background with the Decimal color 6189974.

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

6189974

Protanopia

6844820

Deuteranopia

6910103

Trichromacy



Original Color

6189974

Protanomaly

6582933

Deuteranomaly

6648215

Tritanomaly

5994120

Monochromacy



Original Color

6189974

Achromatopsia

7434609

Achromatomaly

6976126

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6189974 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 #5E7396 looks like.

```
.text, #text, p{  
    color:#5E7396  
}
```

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 #5E7396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7396
}
```

Border

The CSS property to change the border of an element to Decimal 6189974 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
#5E7396 }
```

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

```
.border{ border-color:#5E7396 }
```

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

Here you see how a box with a 4 pixel #5E7396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7396; -webkit-box-shadow:4px 4px  
4px 4px #5E7396; box-shadow:4px 4px 4px  
4px #5E7396 }
```

Background

The CSS property to change the background color of an element to Decimal 6189974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7396 }
```

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

```
.background{ background-color:#5E7396 }
```

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