

Converting Colors

Decimal(6190231)

Have a look what the booklet for
Decimal(6190231) contains.

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Color

Decimal(6190231)

Conversions

Conversions Part 1

Format	Color
Hex	5E7497
RGB	94, 116, 151
RGB Percent	37%, 45%, 59%
CMY	0.6314, 0.5451, 0.4078
CMYK	0.38, 0.23, 0.00, 0.41
HSL	217°, 23%, 48%
HSV	217°, 38%, 59%
XYZ	16.4474, 17.1048, 31.7128
YIQ	113.4120, -24.3470, 6.2210

Conversions

Conversions Part 2

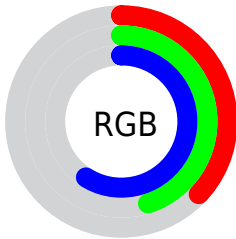
Format	Color
R_{YB}	94, 110, 151
Decimal	6190231
CIE _{Lab}	48.39, 1.08, -21.55
CIE _{LCh}	48, 21.579, 272.857
Yxy	17.1048, 0.2520, 0.2621
Android (android.graphics.Color)	4284380311 (0xFF5E7497)
YUV	113.4120, 18.5309, -17.0243
Hunter-Lab	41.3580, -1.3899, -16.5123

Details

The Decimal color **6190231** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9929054**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **9611469**, and **2901092** is the 20% darker color. If you saturate the color by 10%, you get **5204887**, and if you desaturate by 10%, it is **7175575**.

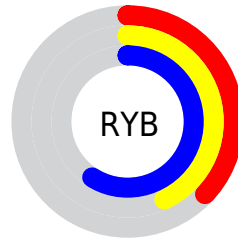
Distribution



Red (37%)

Green (45%)

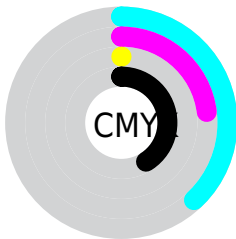
Blue (59%)



Red (37%)

Yellow (43%)

Blue (59%)

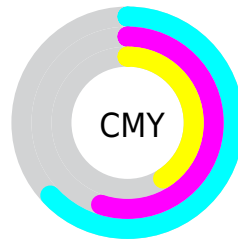


Cyan (38%)

Magenta (23%)

Yellow (0%)

Black (41%)



Cyan (63%)

Magenta (55%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6190231 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 6190231 by changing the saturation by 10% instead.

■ 6190231

■ 6190231

16777215

■ 4545405

■ 9611469

■ 2901092

■ 11387882

■ 1191500

■ 13230079

■ 6709

■ 15138047

■ 544

■ 4

■ 0

■ 6190231

■ 6190231

■ 5204887

■ 7175575

■ 4219287

■ 8161175

■ 3233943

■ 9146519

■ 2248599

■ 10131863

■ 1197719

■ 11182743

■ 212119

■ 12168343

■ 14999

■ 13153687

■ 14139031

■ 15124375

Harmonies

Analogous

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



4553107



6190231



7892625

Triad

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



6190231



9922400



5602146

Complementary

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



6190231



9929054

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.



7043156



6190231



9333843

Square

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



6190231



9856370



8286798



4357492

Rectangle

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



6190231



8809097



8286798



6060636

Sweetspot

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



6190231



11515844



6199168



5725283



14935011



6513507

Same Dimension

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



6190231



7114436



6577815



4540493



13964



1293

Inverse Universe

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



9920116



12872846



9541470



5064008



9175094



851973

Previews

White Background



This preview shows how the Decimal color 6190231 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 6190231 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

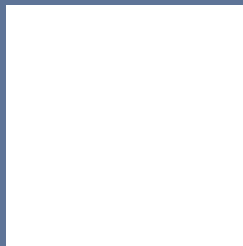
Any Text WCAG AAA × Fail

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

Decimal 6190231 Background



This preview shows how black text looks on a background with the Decimal color 6190231.

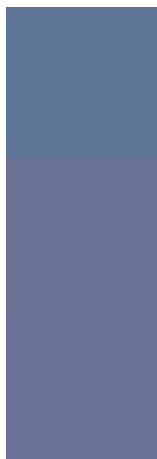


This preview shows how white text looks on a background with the Decimal color 6190231.

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
6190231

Protanopia
6910357

Deuteranopia
6910360

Trichromacy



Original Color
6190231

Protanomaly
6648470

Deuteranomaly
6648472

Tritanomaly
5994378

Monochromacy



Original Color
6190231

Achromatopsia
7434609

Achromatomaly
6976127

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6190231 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 #5E7497 looks like.

```
.text, #text, p{  
    color:#5E7497  
}
```

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 #5E7497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7497
}
```

Border

The CSS property to change the border of an element to Decimal 6190231 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".

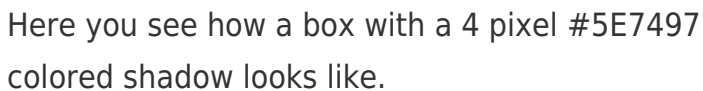
```
.border, #border, table{ border:4px solid
#5E7497 }
```

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

```
.border{ border-color:#5E7497 }
```

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

Here you see how a box with a 4 pixel #5E7497 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7497; -webkit-box-shadow:4px 4px  
4px 4px #5E7497; box-shadow:4px 4px 4px  
4px #5E7497 }
```

Background

The CSS property to change the background color of an element to Decimal 6190231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7497 }
```

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

```
.background{ background-color:#5E7497 }
```

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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