

Converting Colors

Decimal(6181311)

Have a look what the booklet for
Decimal(6181311) contains.

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Color

Decimal(6181311)

Conversions

Conversions Part 1

Format	Color
Hex	5E51BF
RGB	94, 81, 191
RGB Percent	37%, 32%, 75%
CMY	0.6314, 0.6824, 0.2510
CMYK	0.51, 0.58, 0.00, 0.25
HSL	247°, 46%, 53%
HSV	247°, 58%, 75%
XYZ	16.9625, 12.0261, 50.7175
YIQ	97.4270, -27.5620, 36.9660

Conversions

Conversions Part 2

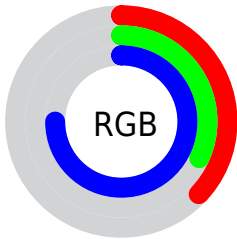
Format	Color
R_{YB}	94, 81, 191
Decimal	6181311
CIE _{Lab}	41.26, 34.71, -56.31
CIE _{LCh}	41, 66.150, 301.645
Yxy	12.0261, 0.2128, 0.1509
Android (android.graphics.Color)	4284371391 (0xFF5E51BF)
YUV	97.4270, 46.1315, -3.0055
Hunter-Lab	34.6787, 26.6224, -62.4363

Details

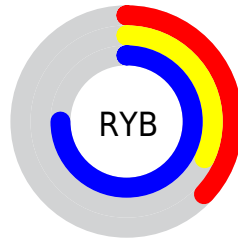
The Decimal color **6181311** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11714385**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **9929720**, and **2040713** is the 20% darker color. If you saturate the color by 10%, you get **5062335**, and if you desaturate by 10%, it is **7300287**.

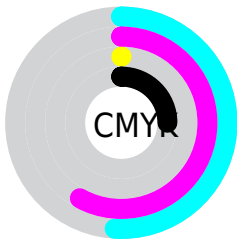
Distribution



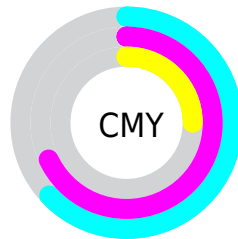
- Red (37%)
- Green (32%)
- Blue (75%)



- Red (37%)
- Yellow (32%)
- Blue (75%)



- Cyan (51%)
- Magenta (58%)
- Yellow (0%)
- Black (25%)



- Cyan (63%)
- Magenta (68%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6181311 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 6181311 by changing the saturation by 10% instead.

■ 6181311

■ 6181311

16777215

■ 4274851

■ 9929720

■ 2040713

■ 11836927

■ 3951

■ 13744383

■ 86

■ 15652095

■ 1597

■ 16773375

■ 806

■ 272

■ 0

■ 6181311

■ 6181311

■ 5062335

■ 7300287

■ 3943359

■ 8419263

■ 2824383

■ 9538239

■ 1770943

■ 10591679

■ 1507519

■ 11710911

■ 12829887

■ 13948863

■ 15067839

■ 16186815

Harmonies

Analogous

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



26831



6181311



10694550

Triad

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



6181311



10373376



30819

Complementary

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



6181311



11714385

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.



29993



6181311



7626752

Square

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



6181311



12134700



3960320



30873

Rectangle

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



6181311



12064627



3960320



30544

Sweetspot

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



6181311



13815287



5354175



6775933



16579836



8224125

Same Dimension

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



6181311



6376951



9785791



5657950



1245342



262175

Inverse Universe

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



12538290



16207331



8109905



6182237



10354827



2031643

Previews

White Background



This preview shows how the Decimal color 6181311 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 6181311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

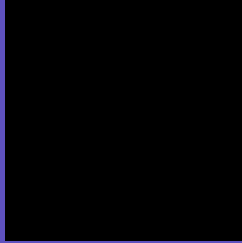
Any Text WCAG AA × Fail

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 6181311 Background



This preview shows how black text looks on a background with the Decimal color 6181311.

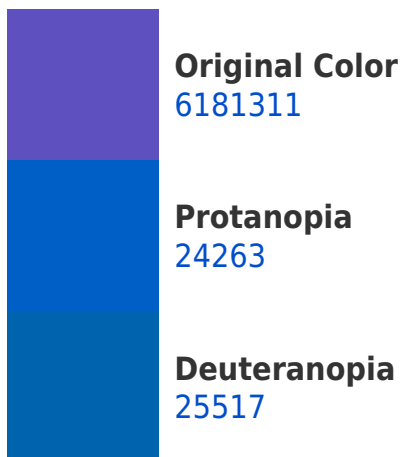



This preview shows how white text looks on a background with the Decimal color 6181311.

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
4548463

Trichromacy



Original Color
6181311



Protanomaly
2251204



Deuteranomaly
2251956



Tritanomaly
5136268

Monochromacy



Original Color
6181311



Achromatopsia
6381921



Achromatomaly
6314883

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6181311 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 #5E51BF looks like.

```
.text, #text, p{  
    color:#5E51BF  
}
```

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 #5E51BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E51BF
}
```

Border

The CSS property to change the border of an element to Decimal 6181311 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".

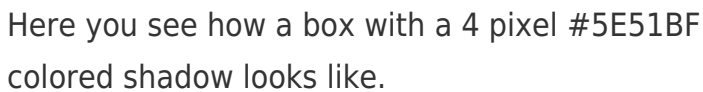
```
.border, #border, table{ border:4px solid
#5E51BF }
```

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

```
.border{ border-color:#5E51BF }
```

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

Here you see how a box with a 4 pixel #5E51BF 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 #5E51BF; -webkit-box-shadow:4px 4px  
4px 4px #5E51BF; box-shadow:4px 4px 4px  
4px #5E51BF }
```

Background

The CSS property to change the background color of an element to Decimal 6181311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E51BF }
```

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

```
.background{ background-color:#5E51BF }
```

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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