

Converting Colors

Decimal(6181735)

Have a look what the booklet for
Decimal(6181735) contains.

Decimal(6181735)	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(6181735)

Conversions

Conversions Part 1

Format	Color
Hex	5E5367
RGB	94, 83, 103
RGB Percent	37%, 33%, 40%
CMY	0.6314, 0.6745, 0.5961
CMYK	0.09, 0.19, 0.00, 0.60
HSL	273°, 11%, 36%
HSV	273°, 19%, 40%
XYZ	10.1575, 9.5455, 14.1391
YIQ	88.5690, 0.1360, 8.5520

Conversions

Conversions Part 2

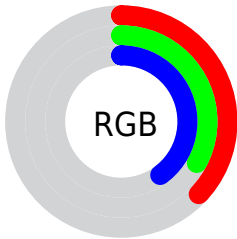
Format	Color
R_{YB}	94, 83, 103
Decimal	6181735
CIE _{Lab}	37.01, 8.77, -9.87
CIE _{LCh}	37, 13.205, 311.599
Yxy	9.5455, 0.3001, 0.2821
Android (android.graphics.Color)	4284371815 (0xFF5E5367)
YUV	88.5690, 7.1145, 4.7630
Hunter-Lab	30.8957, 4.6175, -5.5063

Details

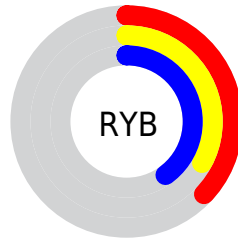
The Decimal color **6181735** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6055763**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **9471130**, and **3155512** is the 20% darker color. If you saturate the color by 10%, you get **5851495**, and if you desaturate by 10%, it is **6511975**.

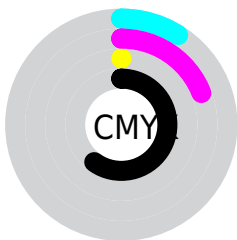
Distribution



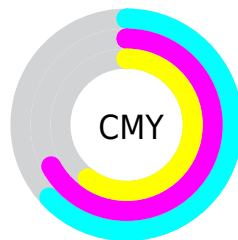
- Red (37%)
- Green (33%)
- Blue (40%)



- Red (37%)
- Yellow (33%)
- Blue (40%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (60%)



- Cyan (63%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6181735 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 6181735 by changing the saturation by 10% instead.



6181735



6181735

16777215



4602959



9471130



3155512



11247541



1774115



13023952



11



14865901



0



16773887



6181735



6181735



5851495



6511975



5586535



6776935

■ 5256295

■ 7107175

■ 4926055

■ 7437415

■ 4661095

■ 7702375

■ 4330855

■ 8032615

■ 4066151

■ 8297319

■ 3735911

■ 8627559

■ 3735655

■ 8958055

Harmonies

Analogous

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



5265260



6181735



6836318

Triad

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



6181735



6640707



3890523

Complementary

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



6181735



6055763

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.



4414800



6181735



5986370

Square

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



6181735



7098697



5200711



3824741

Rectangle

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



6181735



7098455



5200711



4021591

Sweetspot

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



6181735



8683399



5463143



4407365



12895428



4539717

Same Dimension

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



6181735



7956615



6771558



3223091



4128883



8716530

Inverse Universe

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



6771548



8874102



5465940



3354160



7536692



15859821

Previews

White Background



This preview shows how the Decimal color 6181735 looks on a white background.

Color Contrast Check

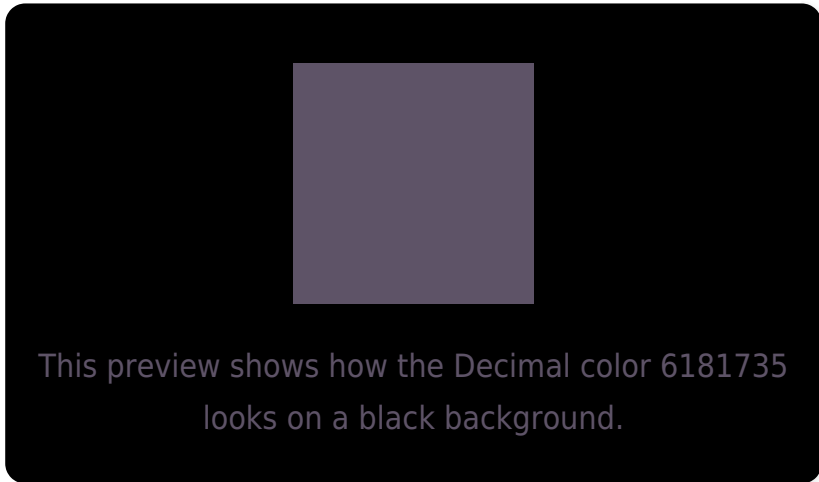
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

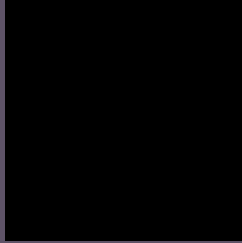
Any Text WCAG AA × Fail

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 6181735 Background



This preview shows how black text looks on a background with the Decimal color 6181735.



This preview shows how white text looks on a background with the Decimal color 6181735.

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
6181735

Protanopia
5461609

Deuteranopia
5789031



Tritanopia
6051164

Trichromacy



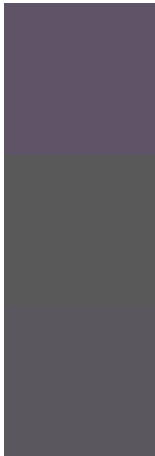
Original Color
6181735

Protanomaly
5723496

Deuteranomaly
5919847

Tritanomaly
6116448

Monochromacy



Original Color
6181735

Achromatopsia
5855577

Achromatomaly
5986142

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6181735 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 #5E5367 looks like.

```
.text, #text, p{  
  color:#5E5367  
}
```

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 #5E5367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5367
}
```

Border

The CSS property to change the border of an element to Decimal 6181735 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
#5E5367 }
```

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

```
.border{ border-color:#5E5367 }
```

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

Here you see how a box with a 4 pixel #5E5367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5367; -webkit-box-shadow:4px 4px  
4px 4px #5E5367; box-shadow:4px 4px 4px  
4px #5E5367 }
```

Background

The CSS property to change the background color of an element to Decimal 6181735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5367 }
```

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

```
.background{ background-color:#5E5367 }
```

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