

Converting Colors

Decimal(6178165)

Have a look what the booklet for
Decimal(6178165) contains.

Decimal(6178165)	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(6178165)

Conversions

Conversions Part 1

Format	Color
Hex	5E4575
RGB	94, 69, 117
RGB Percent	37%, 27%, 46%
CMY	0.6314, 0.7294, 0.5412
CMYK	0.20, 0.41, 0.00, 0.54
HSL	271°, 26%, 36%
HSV	271°, 41%, 46%
XYZ	9.9551, 7.9203, 17.8337
YIQ	81.9470, -0.5080, 20.2280

Conversions

Conversions Part 2

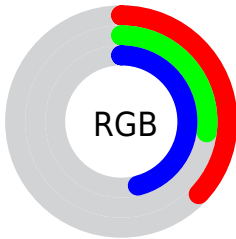
Format	Color
R_{YB}	94, 69, 117
Decimal	6178165
CIE _{Lab}	33.82, 20.96, -23.54
CIE _{LCh}	34, 31.519, 311.691
Yxy	7.9203, 0.2788, 0.2218
Android (android.graphics.Color)	4284368245 (0xFF5E4575)
YUV	81.9470, 17.2811, 10.5705
Hunter-Lab	28.1430, 13.8911, -17.8709

Details

The Decimal color **6178165** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **6059333**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **9533097**, and **3021124** is the 20% darker color. If you saturate the color by 10%, you get **5781877**, and if you desaturate by 10%, it is **6574453**.

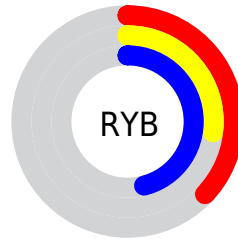
Distribution



Red (37%)

Green (27%)

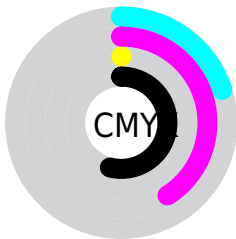
Blue (46%)



Red (37%)

Yellow (27%)

Blue (46%)

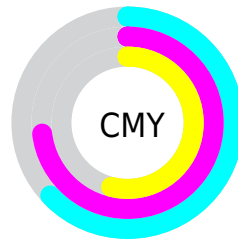


Cyan (20%)

Magenta (41%)

Yellow (0%)

Black (54%)



Cyan (63%)

Magenta (73%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6178165 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 6178165 by changing the saturation by 10% instead.

■ 6178165

■ 6178165

16777215

■ 4599388

■ 9533097

■ 3021124

■ 11308997

■ 1703982

■ 13150945

■ 281

■ 14992893

■ 0

■ 16769535

16776959

■ 6178165

■ 6178165

■ 5781877

■ 6574453

■ 5451381

■ 6904949

■ 5055093

■ 7301237

■ 4724341

■ 7631989

■ 4328309

■ 8028277

■ 3997813

■ 8424309

■ 8755061

■ 9151349

■ 9481845

Harmonies

Analogous

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



3559296



6178165



7683168

Triad

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



6178165



7031071



23641

Complementary

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



6178165



6059333

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.



875327



6178165



5591324

Square

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



6178165



8011567



3757865



23408

Rectangle

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



6178165



8206927



3757865



23632

Sweetspot

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



6178165



9471897



4545653



4670029



13421772



5066061

Same Dimension

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



6178165



7687833



7685492



3683643



4194426



8519930

Inverse Universe

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



7685468



10047090



4552006



3880248



7995451



16384120

Previews

White Background



This preview shows how the Decimal color 6178165 looks on a white background.

Color Contrast Check

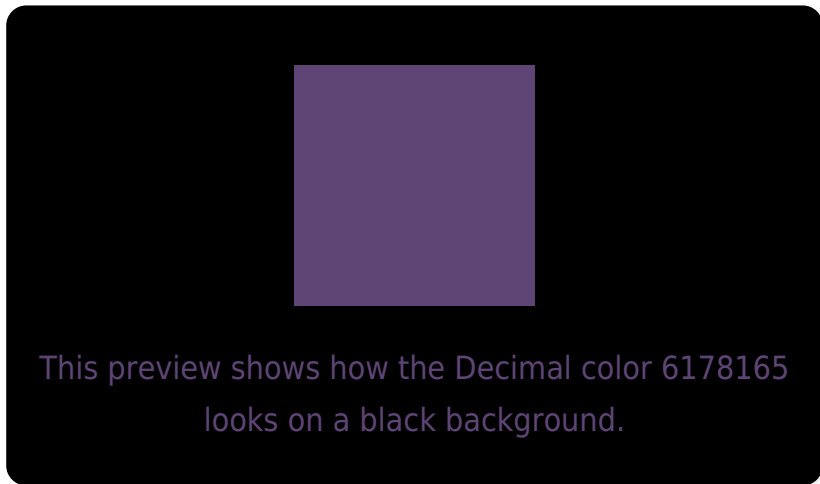
Large Text (above 18pt) WCAG AA ✓ Pass

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

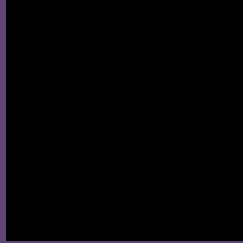
Any Text WCAG AA × Fail

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 6178165 Background



This preview shows how black text looks on a background with the Decimal color 6178165.



This preview shows how white text looks on a background with the Decimal color 6178165.

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
6178165

Protanopia
4148861

Deuteranopia
4345715



Tritanopia
5786706

Trichromacy



Original Color
6178165

Protanomaly
4868986

Deuteranomaly
5000052

Tritanomaly
5917023

Monochromacy



Original Color
6178165

Achromatopsia
5395026

Achromatomaly
5655903

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6178165 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 #5E4575 looks like.

```
.text, #text, p{  
    color:#5E4575  
}
```

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 #5E4575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4575
}
```

Border

The CSS property to change the border of an element to Decimal 6178165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

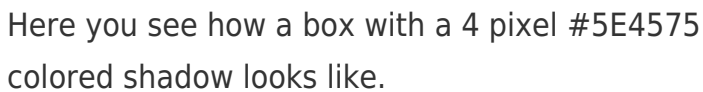
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4575 }
```

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

```
.border{ border-color:#5E4575 }
```

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



Here you see how a box with a 4 pixel #5E4575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4575; -webkit-box-shadow:4px 4px  
4px 4px #5E4575; box-shadow:4px 4px 4px  
4px #5E4575 }
```

Background

The CSS property to change the background color of an element to Decimal 6178165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4575 }
```

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

```
.background{ background-color:#5E4575 }
```

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