

Converting Colors

Decimal(6181226)

Have a look what the booklet for
Decimal(6181226) contains.

Decimal(6181226)	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(6181226)

Conversions

Conversions Part 1

Format	Color
Hex	5E516A
RGB	94, 81, 106
RGB Percent	37%, 32%, 42%
CMY	0.6314, 0.6824, 0.5843
CMYK	0.11, 0.24, 0.00, 0.58
HSL	271°, 13%, 37%
HSV	271°, 24%, 42%
XYZ	10.1600, 9.3052, 14.8963
YIQ	87.7370, -0.2770, 10.5310

Conversions

Conversions Part 2

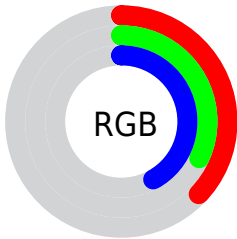
Format	Color
R_{YB}	94, 81, 106
Decimal	6181226
CIE _{Lab}	36.57, 10.72, -12.43
CIE _{LCh}	37, 16.411, 310.788
Yxy	9.3052, 0.2957, 0.2708
Android (android.graphics.Color)	4284371306 (0xFF5E516A)
YUV	87.7370, 9.0037, 5.4927
Hunter-Lab	30.5043, 6.0702, -7.6002

Details

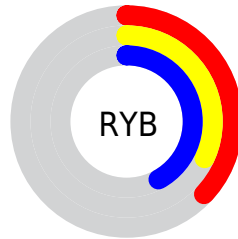
The Decimal color **6181226** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6122065**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **9536157**, and **3155003** is the 20% darker color. If you saturate the color by 10%, you get **5850730**, and if you desaturate by 10%, it is **6511722**.

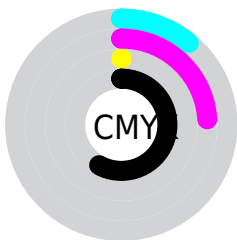
Distribution



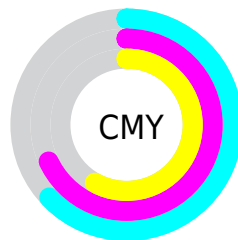
- Red (37%)
- Green (32%)
- Blue (42%)



- Red (37%)
- Yellow (32%)
- Blue (42%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6181226 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 6181226 by changing the saturation by 10% instead.

6181226

6181226

16777215

4602450

9536157

3155003

11246776

1773605

13088724

271

14930928

0

16773119

6181226

6181226

5850730

6511722

5520490

6841962

5189994

7172458

4859754

7502698

4529258

7833194

4133226

8229226

3802986

8559466

3604586

8889962

9220202

Harmonies

Analogous

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



5002864



6181226



7032159

Triad

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



6181226



6771261



3235162

Complementary

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



6181226



6122065

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.



4021581



6181226



5986108

Square

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



6181226



7294533



5003842



3103847

Rectangle

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



6181226



7294038



5003842



3431766

Sweetspot

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



6181226



8749194



5332330



4341573



12895428



4539717

Same Dimension

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



6181226



7824266



6967658



3354678



3997813



8323317

Inverse Universe

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



6967645



9069430



5335633



3551283



7667768



16056438

Previews

White Background



This preview shows how the Decimal color 6181226 looks on a white background.

Color Contrast Check

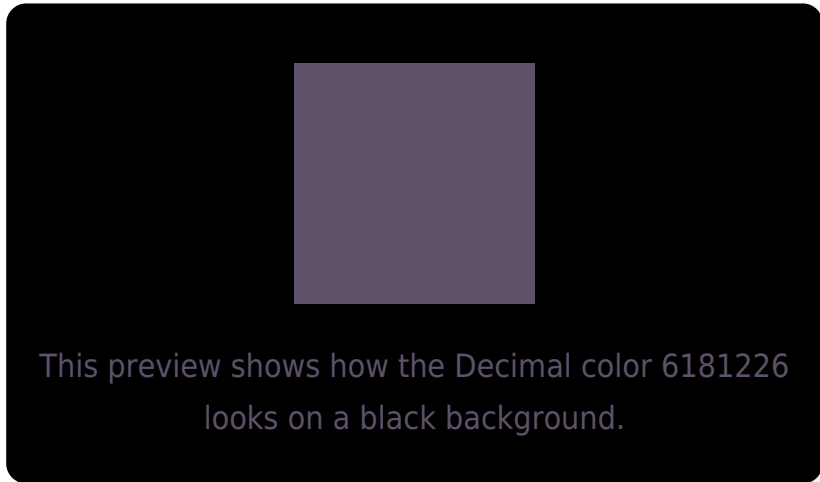
Large Text (above 18pt) WCAG AA ✓ Pass

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

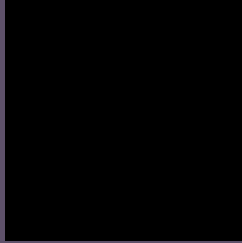
Any Text WCAG AA × Fail

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 6181226 Background



This preview shows how black text looks on a background with the Decimal color 6181226.



This preview shows how white text looks on a background with the Decimal color 6181226.

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
6181226

Protanopia
5264749

Deuteranopia
5592169



Tritanopia
6050906

Trichromacy



Original Color
6181226

Protanomaly
5592172

Deuteranomaly
5788521

Tritanomaly
6116192

Monochromacy



Original Color
6181226

Achromatopsia
5789784

Achromatomaly
5920095

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6181226 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 #5E516A looks like.

```
.text, #text, p{  
    color:#5E516A  
}
```

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 #5E516A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E516A
}
```

Border

The CSS property to change the border of an element to Decimal 6181226 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
#5E516A }
```

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

```
.border{ border-color:#5E516A }
```

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

Here you see how a box with a 4 pixel #5E516A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E516A; -webkit-box-shadow:4px 4px  
4px 4px #5E516A; box-shadow:4px 4px 4px  
4px #5E516A }
```

Background

The CSS property to change the background color of an element to Decimal 6181226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E516A }
```

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

```
.background{ background-color:#5E516A }
```

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