

Converting Colors

Decimal(5313615)

Have a look what the booklet for
Decimal(5313615) contains.

Decimal(5313615)	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(5313615)

Conversions

Conversions Part 1

Format	Color
Hex	51144F
RGB	81, 20, 79
RGB Percent	32%, 8%, 31%
CMY	0.6824, 0.9216, 0.6902
CMYK	0.00, 0.75, 0.02, 0.68
HSL	302°, 60%, 20%
HSV	302°, 75%, 32%
XYZ	5.0548, 2.8142, 7.6739
YIQ	44.9650, 17.4170, 31.2810

Conversions

Conversions Part 2

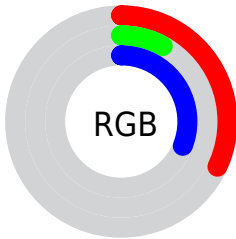
Format	Color
RYB	81, 20, 79
Decimal	5313615
CIELab	19.28, 35.94, -21.78
CIELCh	19, 42.027, 328.788
Yxy	2.8142, 0.3252, 0.1811
Android (android.graphics.Color)	4283503695 (0xFF51144F)
YUV	44.9650, 16.7793, 31.6027
Hunter-Lab	16.7754, 24.4286, -15.3793

Details

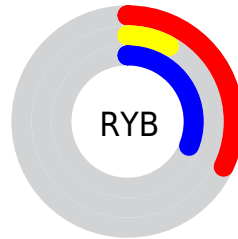
The Decimal color **5313615** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1331478**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **8734080**, and **2424867** is the 20% darker color. If you saturate the color by 10%, you get **5311567**, and if you desaturate by 10%, it is **5315663**.

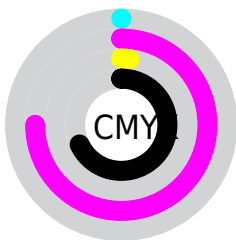
Distribution



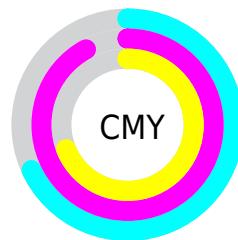
- Red (32%)
- Green (8%)
- Blue (31%)



- Red (32%)
- Yellow (8%)
- Blue (31%)



- Cyan (0%)
- Magenta (75%)
- Yellow (2%)
- Black (68%)



- Cyan (68%)
- Magenta (92%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5313615 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 5313615 by changing the saturation by 10% instead.

■ 5313615

■ 5313615

16777215

■ 3670072

■ 8734080

■ 2424867

■ 10444443

■ 8

■ 12286134

■ 0

■ 14127825

■ 16035310

■ 16763391

■ 16770559

■ 5313615

■ 5313615

■ 5311567

■ 5315663

■ 5309518

■ 5317712

■ 5308494

■ 5319760

■ 5321808

■ 5324112

■ 5326161

■ 5328209

■ 5330257

■ 5332305

Harmonies

Analogous

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



2500453



5313615



6422833

Triad

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



5313615



3943680



15436

Complementary

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



5313615



1331478

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.



15149



5313615



1979648

Square

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



5313615



5447424



14603



14691

Rectangle

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



5313615



6489117



14603



15426

Sweetspot

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



5313615



6902120



1381457



3548981



11908533



3552822

Same Dimension

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



5313615



6883941



5313585



2696489



6881381



15204576

Inverse Universe

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



5313615



6883941



1331508



2696489



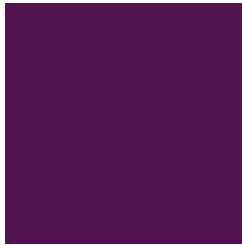
6881381



15204576

Previews

White Background



This preview shows how the Decimal color 5313615 looks on a white background.

Color Contrast Check

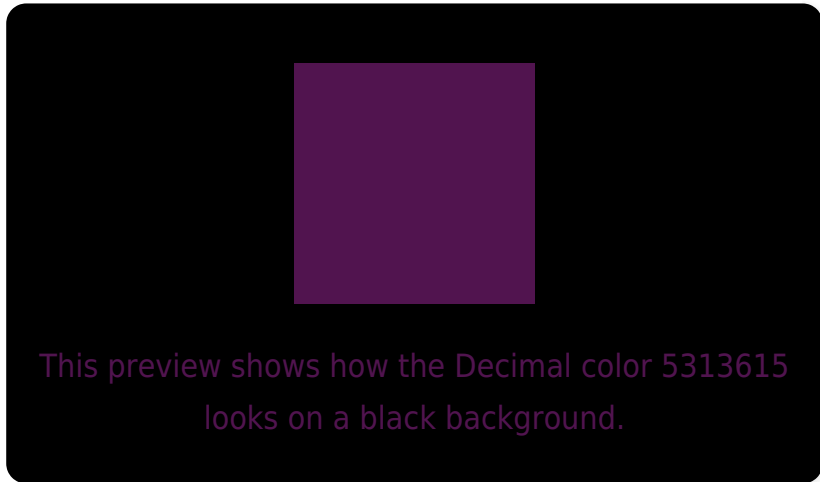
Large Text (above 18pt) WCAG AA ✓ Pass

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

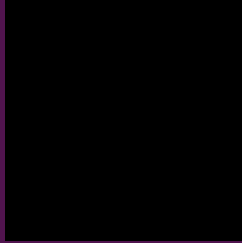
Any Text WCAG AA × Fail

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 5313615 Background



This preview shows how black text looks on a background with the Decimal color 5313615.

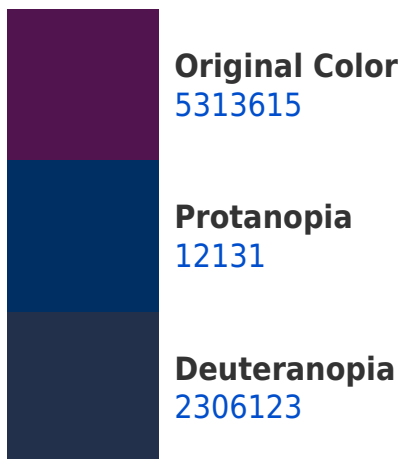



This preview shows how white text looks on a background with the Decimal color 5313615.

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
4989734

Trichromacy



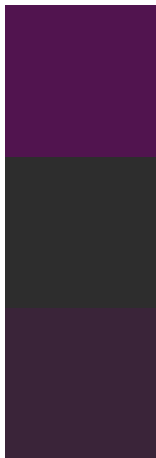
Original Color
5313615

Protanomaly
1910108

Deuteranomaly
3417676

Tritanomaly
5119541

Monochromacy



Original Color
5313615

Achromatopsia
2960685

Achromatomaly
3810361

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5313615 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 #51144F looks like.

```
.text, #text, p{  
    color:#51144F  
}
```

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 #51144F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51144F
}
```

Border

The CSS property to change the border of an element to Decimal 5313615 is called "border". The border property can be set on classes, ids or directly on the HTML element.

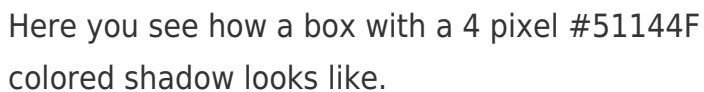
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51144F }
```

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

```
.border{ border-color:#51144F }
```

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



Here you see how a box with a 4 pixel #51144F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51144F; -webkit-box-shadow:4px 4px  
4px 4px #51144F; box-shadow:4px 4px 4px  
4px #51144F }
```

Background

The CSS property to change the background color of an element to Decimal 5313615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51144F }
```

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

```
.background{ background-color:#51144F }
```

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