

Converting Colors

Decimal(5316945)

Have a look what the booklet for
Decimal(5316945) contains.

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Color

Decimal(5316945)

Conversions

Conversions Part 1

Format	Color
Hex	512151
RGB	81, 33, 81
RGB Percent	32%, 13%, 32%
CMY	0.6824, 0.8706, 0.6824
CMYK	0.00, 0.59, 0.00, 0.68
HSL	300°, 42%, 22%
HSV	300°, 59%, 32%
XYZ	5.4224, 3.4311, 8.1611
YIQ	52.8240, 13.2000, 25.1040

Conversions

Conversions Part 2

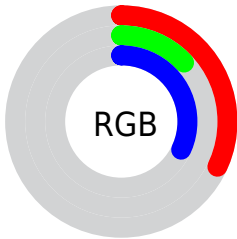
Format	Color
RYB	81, 33, 81
Decimal	5316945
CIELab	21.69, 30.01, -19.34
CIElCh	22, 35.698, 327.203
Yxy	3.4311, 0.3187, 0.2017
Android (android.graphics.Color)	4283507025 (0xFF512151)
YUV	52.8240, 13.8908, 24.7104
Hunter-Lab	18.5233, 19.8373, -13.1559

Details

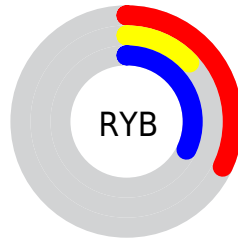
The Decimal color **5316945** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2183457**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **8671363**, and **2424868** is the 20% darker color. If you saturate the color by 10%, you get **5314897**, and if you desaturate by 10%, it is **5318993**.

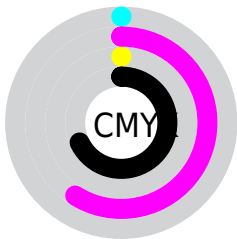
Distribution



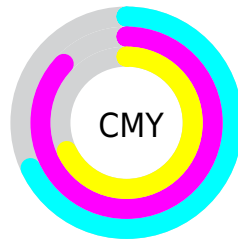
- Red (32%)
- Green (13%)
- Blue (32%)



- Red (32%)
- Yellow (13%)
- Blue (32%)



- Cyan (0%)
- Magenta (59%)
- Yellow (0%)
- Black (68%)



- Cyan (68%)
- Magenta (87%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5316945 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 5316945 by changing the saturation by 10% instead.

■ 5316945

■ 5316945

16777215

■ 3737914

■ 8671363

■ 2424868

■ 10447261

■ 12

■ 12223416

■ 0

■ 14065107

■ 15972592

■ 16766207

■ 16773631

■ 5316945

■ 5316945

■ 5314897

■ 5318993

■ 5312849

■ 5321041

■ 5310801

■ 5323089

■ 5308753

■ 5325137

■ 5308497

■ 5327441

■ 5329489

■ 5331537

■ 5333585

■ 5335633

Harmonies

Analogous

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



2960995



5316945



6362936

Triad

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



5316945



4403712



16459

Complementary

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



5316945



2183457

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.



16433



5316945



2701568

Square

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



5316945



5646083



15893



15968

Rectangle

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



5316945



6494246



15893



16451

Sweetspot

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



5316945



6903401



2171217



3549750



11908533



3552822

Same Dimension

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



5316945



6889065



5316921



2696489



6881385



15204584

Inverse Universe

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



5316945



6889065



2183481



2696489



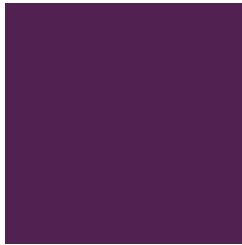
6881385



15204584

Previews

White Background



This preview shows how the Decimal color 5316945 looks on a white background.

Color Contrast Check

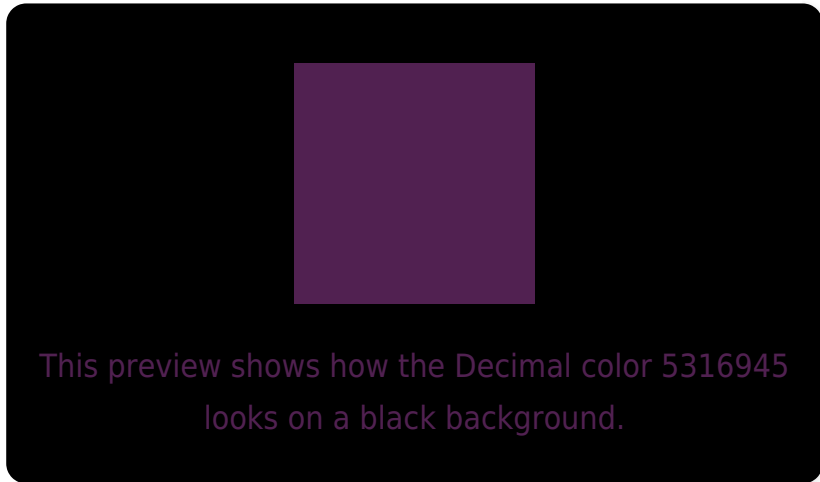
Large Text (above 18pt) WCAG AA ✓ Pass

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

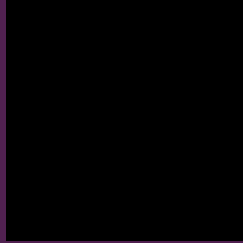
Any Text WCAG AA × Fail

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 5316945 Background



This preview shows how black text looks on a background with the Decimal color 5316945.

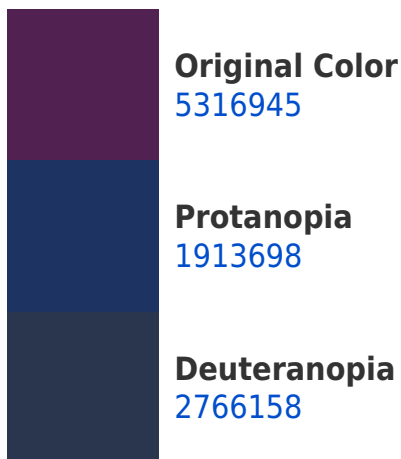


This preview shows how white text looks on a background with the Decimal color 5316945.

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
5057326

Trichromacy



Original Color
5316945

Protanomaly
3157084

Deuteranomaly
3681871

Tritanomaly
5121851

Monochromacy



Original Color
5316945

Achromatopsia
3487029

Achromatomaly
4140607

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5316945 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 #512151 looks like.

```
.text, #text, p{  
    color:#512151  
}
```

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 #512151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512151
}
```

Border

The CSS property to change the border of an element to Decimal 5316945 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
#512151 }
```

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

```
.border{ border-color:#512151 }
```

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

Here you see how a box with a 4 pixel #512151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512151; -webkit-box-shadow:4px 4px  
4px 4px #512151; box-shadow:4px 4px 4px  
4px #512151 }
```

Background

The CSS property to change the background color of an element to Decimal 5316945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512151 }
```

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

```
.background{ background-color:#512151 }
```

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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