

Converting Colors

Decimal(5316747)

Have a look what the booklet for
Decimal(5316747) contains.

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Color

Decimal(5316747)

Conversions

Conversions Part 1

Format	Color
Hex	51208B
RGB	81, 32, 139
RGB Percent	32%, 13%, 55%
CMY	0.6824, 0.8745, 0.4549
CMYK	0.42, 0.77, 0.00, 0.45
HSL	267°, 63%, 34%
HSV	267°, 77%, 55%
XYZ	8.5701, 4.6464, 24.8713
YIQ	58.8490, -5.1430, 43.6650

Conversions

Conversions Part 2

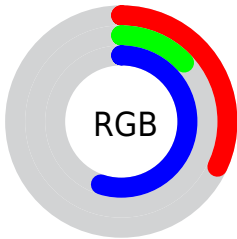
Format	Color
R_{YB}	81, 32, 139
Decimal	5316747
CIE _{Lab}	25.70, 44.46, -50.36
CIE _{LCh}	26, 67.172, 311.438
Yxy	4.6464, 0.2250, 0.1220
Android (android.graphics.Color)	4283506827 (0xFF51208B)
YUV	58.8490, 39.5144, 19.4264
Hunter-Lab	21.5556, 33.2456, -53.3210

Details

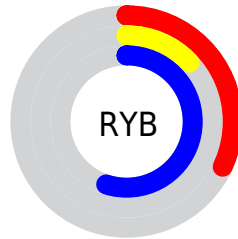
The Decimal color **5316747** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5933856**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **8934081**, and **1572952** is the 20% darker color. If you saturate the color by 10%, you get **4788875**, and if you desaturate by 10%, it is **5844619**.

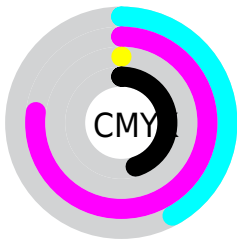
Distribution



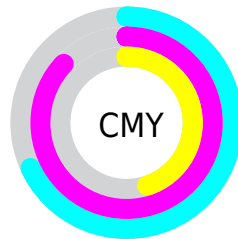
- Red (32%)
- Green (13%)
- Blue (55%)



- Red (32%)
- Yellow (13%)
- Blue (55%)



- Cyan (42%)
- Magenta (77%)
- Yellow (0%)
- Black (45%)



- Cyan (68%)
- Magenta (87%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5316747 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 5316747 by changing the saturation by 10% instead.

■ 5316747

■ 5316747

16777215

■ 3540081

■ 8934081

■ 1572952

■ 10709982

■ 64

■ 12617211

■ 809

■ 14524671

■ 274

■ 16432127

■ 0

■ 16767231

■ 16774399

■ 5316747

■ 5316747

■ 4788875

■ 5844619

■ 4326539

■ 6306955

■ 4194443

■ 6834827

■ 7297163

■ 7825035

■ 8287115

■ 8814987

■ 9277323

■ 9805195

Harmonies

Analogous

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



16036



5316747



8650847

Triad

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



5316747



6630912



20560

Complementary

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



5316747



5933856

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.



19993



5316747



3817728

Square

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



5316747



8585216



18944



20609

Rectangle

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



5316747



9371709



18944



20286

Sweetspot

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



5316747



10390453



2120587



5128796



14408667



6052956

Same Dimension

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



5316747



5967541



8790155



4275781



3997829



131077

Inverse Universe

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



9117786



11865705



2460448



4537922



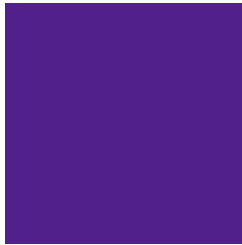
8716360



327683

Previews

White Background



This preview shows how the Decimal color 5316747 looks on a white background.

Color Contrast Check

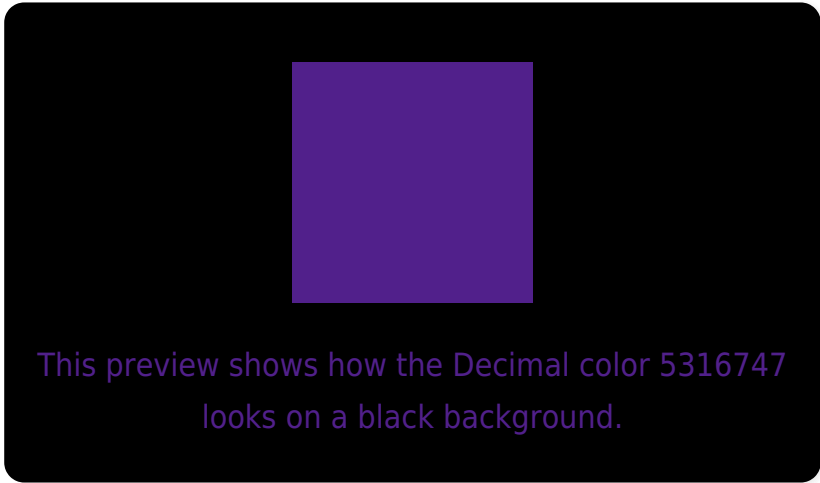
Large Text (above 18pt) WCAG AA ✓ Pass

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

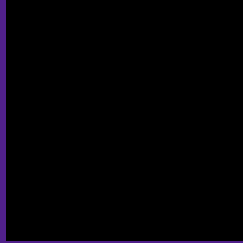
Any Text WCAG AA × Fail

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 5316747 Background



This preview shows how black text looks on a background with the Decimal color 5316747.

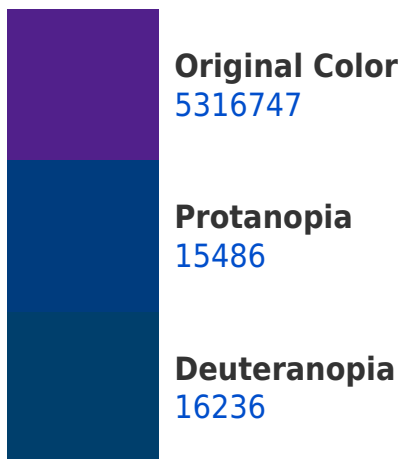


This preview shows how white text looks on a background with the Decimal color 5316747.

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
4209729

Trichromacy



Original Color
5316747

Protanomaly
1913475

Deuteranomaly
1913975

Tritanomaly
4600412

Monochromacy



Original Color
5316747

Achromatopsia
3881787

Achromatomaly
4403544

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5316747 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 #51208B looks like.

```
.text, #text, p{  
    color:#51208B  
}
```

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 #51208B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51208B
}
```

Border

The CSS property to change the border of an element to Decimal 5316747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

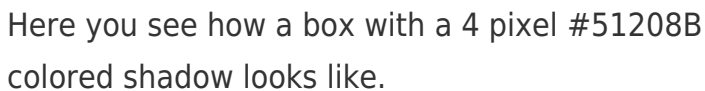
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51208B }
```

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

```
.border{ border-color:#51208B }
```

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



Here you see how a box with a 4 pixel #51208B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51208B; -webkit-box-shadow:4px 4px  
4px 4px #51208B; box-shadow:4px 4px 4px  
4px #51208B }
```

Background

The CSS property to change the background color of an element to Decimal 5316747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51208B }
```

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

```
.background{ background-color:#51208B }
```

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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