

Converting Colors

Decimal(5196716)

Have a look what the booklet for
Decimal(5196716) contains.

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Color

Decimal(5196716)

Conversions

Conversions Part 1

Format	Color
Hex	4F4BAC
RGB	79, 75, 172
RGB Percent	31%, 29%, 67%
CMY	0.6902, 0.7059, 0.3255
CMYK	0.54, 0.56, 0.00, 0.33
HSL	242°, 39%, 48%
HSV	242°, 56%, 67%
XYZ	13.1869, 9.6730, 40.2018
YIQ	87.2540, -28.7530, 31.0150

Conversions

Conversions Part 2

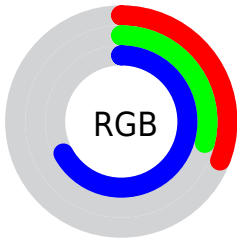
Format	Color
R_{YB}	79, 75, 172
Decimal	5196716
CIE _{Lab}	37.25, 29.32, -51.67
CIE _{LCh}	37, 59.412, 299.574
Yxy	9.6730, 0.2091, 0.1534
Android (android.graphics.Color)	4283386796 (0xFF4F4BAC)
YUV	87.2540, 41.7798, -7.2388
Hunter-Lab	31.1014, 21.2561, -54.8674

Details

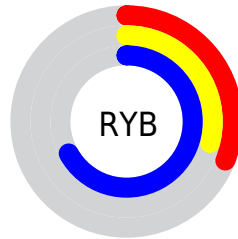
The Decimal color **5196716** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11054155**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **8879332**, and **597879** is the 20% darker color. If you saturate the color by 10%, you get **4143788**, and if you desaturate by 10%, it is **6249644**.

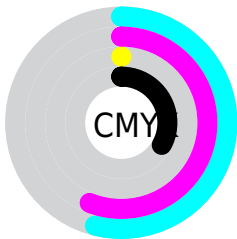
Distribution



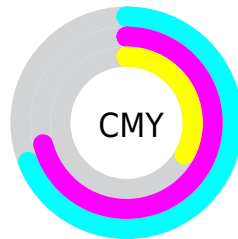
- Red (31%)
- Green (29%)
- Blue (67%)



- Red (31%)
- Yellow (29%)
- Blue (67%)



- Cyan (54%)
- Magenta (56%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (71%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5196716 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 5196716 by changing the saturation by 10% instead.

■ 5196716

■ 5196716

16777215

■ 3224721

■ 8879332

■ 597879

■ 10721023

■ 2909

■ 12628479

■ 69

■ 14535935

■ 814

■ 16509183

■ 280

■ 0

■ 5196716

■ 5196716

■ 4143788

■ 6249644

■ 3025324

■ 7368108

■ 1972140

■ 8421292

■ 853676

■ 9539756

■ 458924

■ 10592684

■ 11711148

■ 12764076

■ 13882796

■ 14935724

Harmonies

Analogous

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



24249



5196716



9383817

Triad

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



5196716



9453824



27734

Complementary

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



5196716



11054155

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.



26915



5196716



7099904

Square

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



5196716



10888748



3957248



27782

Rectangle

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



5196716



10689643



3957248



27461

Sweetspot

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



5196716



12368608



4958636



5986928



15790320



7368816

Same Dimension

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



5196716



5130464



8342444



5131863



393366



65559

Inverse Universe

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



11291560



14698714



7908427



5721686



9830544



1507350

Previews

White Background



This preview shows how the Decimal color 5196716 looks on a white background.

Color Contrast Check

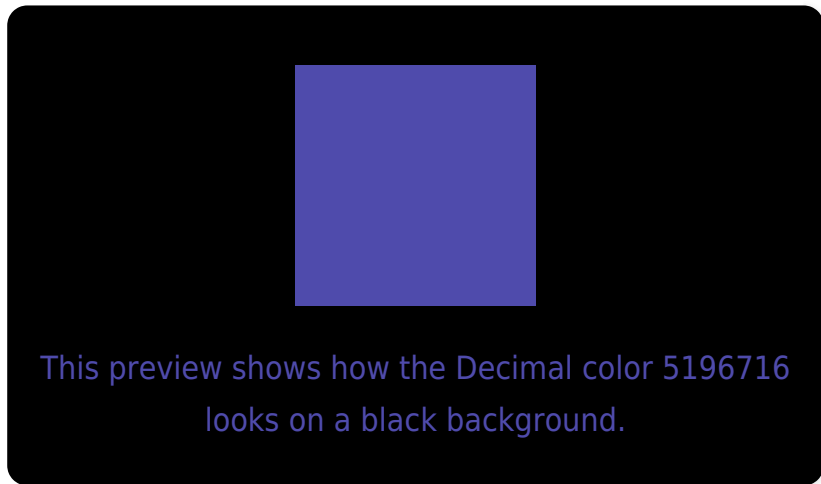
Large Text (above 18pt) WCAG AA ✓ Pass

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

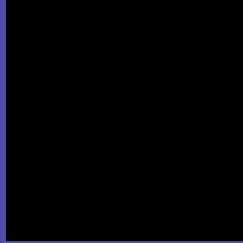
Any Text WCAG AA × Fail

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 5196716 Background



This preview shows how black text looks on a background with the Decimal color 5196716.

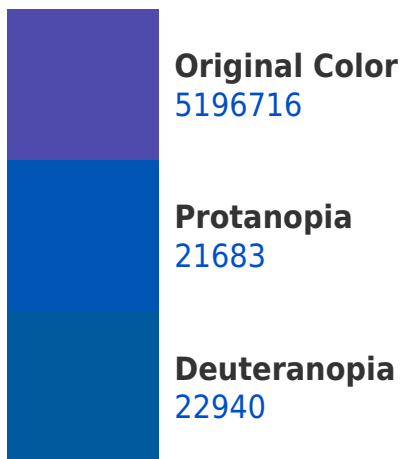



This preview shows how white text looks on a background with the Decimal color 5196716.

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
3563109

Trichromacy



Original Color

5196716



Protanomaly

1921456



Deuteranomaly

1922210



Tritanomaly

4151167

Monochromacy



Original Color

5196716



Achromatopsia

5723991



Achromatomaly

5526390

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5196716 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 #4F4BAC looks like.

```
.text, #text, p{  
  color:#4F4BAC  
}
```

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 #4F4BAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4BAC
}
```

Border

The CSS property to change the border of an element to Decimal 5196716 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".

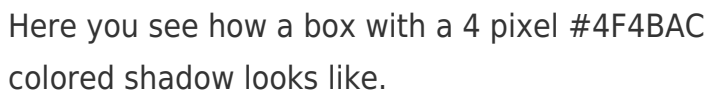
```
.border, #border, table{ border:4px solid
#4F4BAC }
```

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

```
.border{ border-color:#4F4BAC }
```

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

Here you see how a box with a 4 pixel #4F4BAC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4BAC; -webkit-box-shadow:4px 4px  
4px 4px #4F4BAC; box-shadow:4px 4px 4px  
4px #4F4BAC }
```

Background

The CSS property to change the background color of an element to Decimal 5196716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4BAC }
```

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

```
.background{ background-color:#4F4BAC }
```

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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