

Converting Colors

Decimal(6248106)

Have a look what the booklet for
Decimal(6248106) contains.

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Color

Decimal(6248106)

Conversions

Conversions Part 1

Format	Color
Hex	5F56AA
RGB	95, 86, 170
RGB Percent	37%, 34%, 67%
CMY	0.6275, 0.6627, 0.3333
CMYK	0.44, 0.49, 0.00, 0.33
HSL	246°, 33%, 50%
HSV	246°, 49%, 67%
XYZ	15.3028, 11.9908, 39.5381
YIQ	98.2670, -21.6000, 28.0320

Conversions

Conversions Part 2

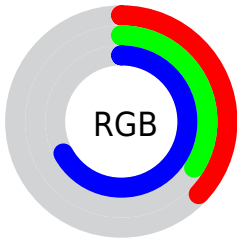
Format	Color
R_{YB}	95, 86, 170
Decimal	6248106
CIE _{Lab}	41.20, 25.45, -44.06
CIE _{LCh}	41, 50.885, 300.010
Yxy	11.9908, 0.2290, 0.1794
Android (android.graphics.Color)	4284438186 (0xFF5F56AA)
YUV	98.2670, 35.3644, -2.8652
Hunter-Lab	34.6277, 18.2850, -43.4584

Details

The Decimal color **6248106** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10594902**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **9799906**, and **2632053** is the 20% darker color. If you saturate the color by 10%, you get **5260714**, and if you desaturate by 10%, it is **7235498**.

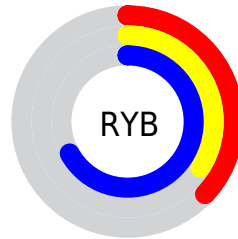
Distribution



Red (37%)

Green (34%)

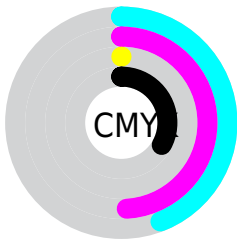
Blue (67%)



Red (37%)

Yellow (34%)

Blue (67%)

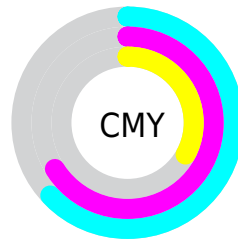


Cyan (44%)

Magenta (49%)

Yellow (0%)

Black (33%)



Cyan (63%)

Magenta (66%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6248106 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 6248106 by changing the saturation by 10% instead.

■ 6248106

■ 6248106

16777215

■ 4472719

■ 9799906

■ 2632053

■ 11641599

■ 136284

■ 13549055

■ 68

■ 15456767

■ 813

■ 16774911

■ 279

■ 0

■ 6248106

■ 6248106

■ 5260714

■ 7235498

■ 4273322

■ 8222890

■ 3220394

■ 9275818

■ 2233002

■ 10263210

■ 1245610

■ 11250602

■ 1179818

■ 12237994

■ 13225386

■ 14212778

■ 15265706

Harmonies

Analogous

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



26293



6248106



9650828

Triad

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



6248106



9785109



29792

Complementary

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



6248106



10594902

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.



28981



6248106



7692032

Square

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



6248106



11025722



4942603



29834

Rectangle

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



6248106



10827889



4942603



29777

Sweetspot

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



6248106



12631518



5677738



6184048



15790320



7368816

Same Dimension

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



6248106



6904798



8935082



5065812



1048724



131092

Inverse Universe

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



11163297



14572496



7907926



5524563



9699460



1310738

Previews

White Background



This preview shows how the Decimal color 6248106 looks on a white background.

Color Contrast Check

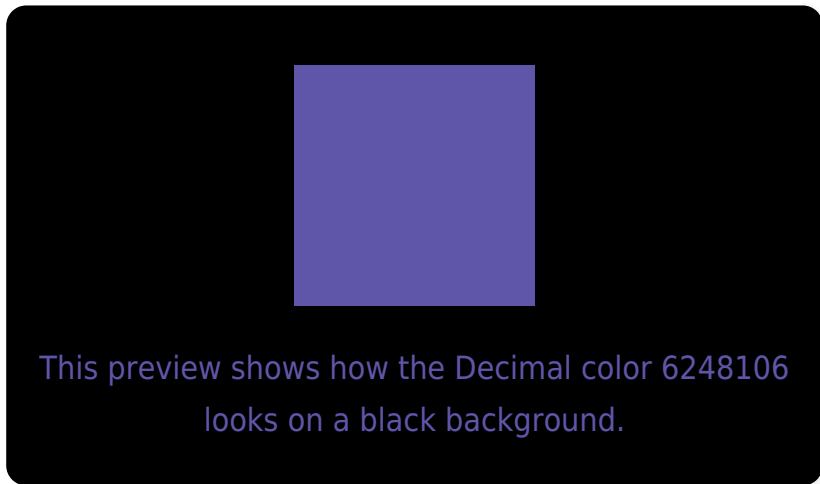
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

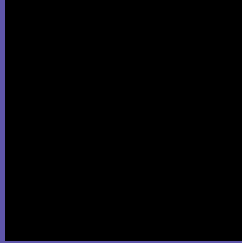
Any Text WCAG AA × Fail

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 6248106 Background



This preview shows how black text looks on a background with the Decimal color 6248106.

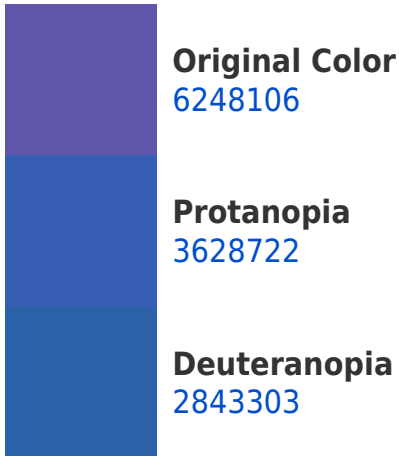


This preview shows how white text looks on a background with the Decimal color 6248106.

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



Trichromacy



Original Color
6248106

Protanomaly
4610991

Deuteranomaly
4087464

Tritanomaly
5595267

Monochromacy



Original Color
6248106

Achromatopsia
6447714

Achromatomaly
6381180

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6248106 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 #5F56AA looks like.

```
.text, #text, p{  
  color:#5F56AA  
}
```

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 #5F56AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F56AA
}
```

Border

The CSS property to change the border of an element to Decimal 6248106 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
#5F56AA }
```

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

```
.border{ border-color:#5F56AA }
```

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

Here you see how a box with a 4 pixel #5F56AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F56AA; -webkit-box-shadow:4px 4px  
4px 4px #5F56AA; box-shadow:4px 4px 4px  
4px #5F56AA }
```

Background

The CSS property to change the background color of an element to Decimal 6248106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F56AA }
```

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

```
.background{ background-color:#5F56AA }
```

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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