

Converting Colors

Decimal(5188452)

Have a look what the booklet for
Decimal(5188452) contains.

Decimal(5188452)	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(5188452)

Conversions

Conversions Part 1

Format	Color
Hex	4F2B64
RGB	79, 43, 100
RGB Percent	31%, 17%, 39%
CMY	0.6902, 0.8314, 0.6078
CMYK	0.21, 0.57, 0.00, 0.61
HSL	278°, 40%, 28%
HSV	278°, 57%, 39%
XYZ	6.3886, 4.3101, 12.5518
YIQ	60.2620, 3.1590, 25.3590

Conversions

Conversions Part 2

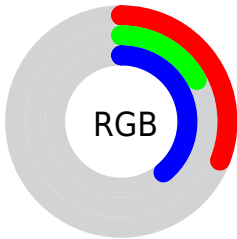
Format	Color
R_{YB}	79, 43, 100
Decimal	5188452
CIE _{Lab}	24.67, 27.99, -27.21
CIE _{LCh}	25, 39.037, 315.802
Yxy	4.3101, 0.2748, 0.1854
Android (android.graphics.Color)	4283378532 (0xFF4F2B64)
YUV	60.2620, 19.5908, 16.4332
Hunter-Lab	20.7608, 18.5971, -21.3136

Details

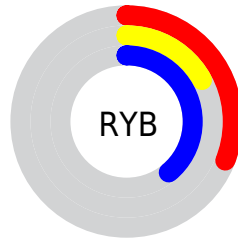
The Decimal color **5188452** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4219947**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **8542871**, and **2097205** is the 20% darker color. If you saturate the color by 10%, you get **4923748**, and if you desaturate by 10%, it is **5453156**.

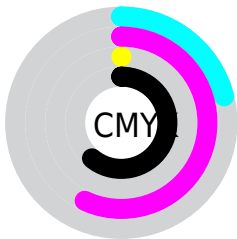
Distribution



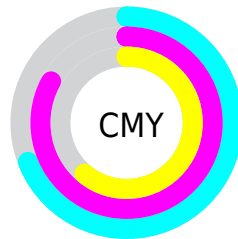
- Red (31%)
- Green (17%)
- Blue (39%)



- Red (31%)
- Yellow (17%)
- Blue (39%)



- Cyan (21%)
- Magenta (57%)
- Yellow (0%)
- Black (61%)



- Cyan (69%)
- Magenta (83%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5188452 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 5188452 by changing the saturation by 10% instead.



5188452



5188452

16777215



3609932



8542871



2097205



10253234



31



12094926



2



13936874



0



15778815



16769023



16776447



5188452



5188452

■ 4923748

■ 5453156

■ 4724580

■ 5652324

■ 4459876

■ 5917028

■ 4195172

■ 6181732

■ 4128868

■ 6380900

■ 6645604

■ 6910308

■ 7109476

■ 7374180

Harmonies

Analogous

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



1390964



5188452



6823242

Triad

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



5188452



5518336



18506

Complementary

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



5188452



4219947

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.



18219



5188452



3816960

Square

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



5188452



6694673



1328141



18276

Rectangle

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



5188452



7215670



1328141



18496

Sweetspot

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



5188452



8023170



2834788



4011330



12763842



4342338

Same Dimension

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



5188452



6367874



6564701



3223091



4718707



10027250

Inverse Universe

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



6564672



8530506



2843698



3354160



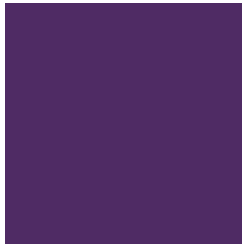
7536682



15859801

Previews

White Background



This preview shows how the Decimal color 5188452 looks on a white background.

Color Contrast Check

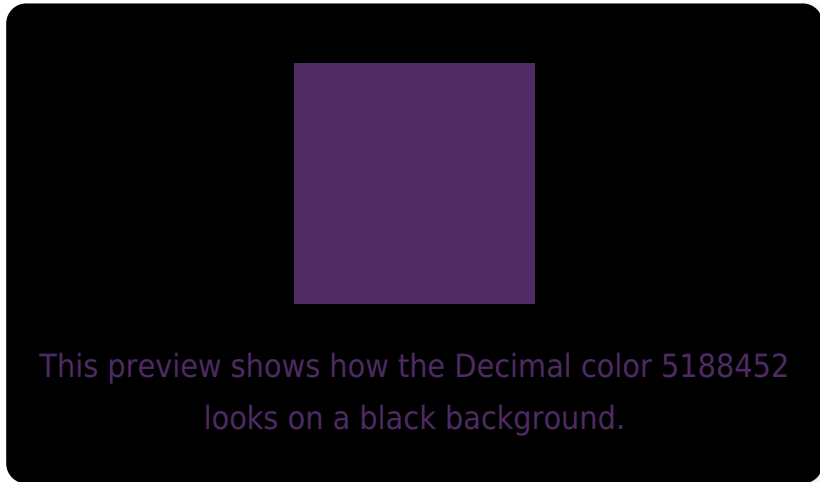
Large Text (above 18pt) WCAG AA ✓ Pass

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

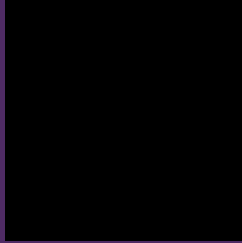
Any Text WCAG AA × Fail

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 5188452 Background



This preview shows how black text looks on a background with the Decimal color 5188452.

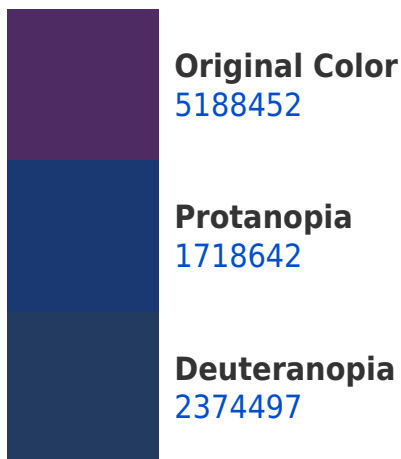


This preview shows how white text looks on a background with the Decimal color 5188452.

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
4732474

Trichromacy



Original Color
5188452

Protanomaly
2962541

Deuteranomaly
3421538

Tritanomaly
4928073

Monochromacy



Original Color
5188452

Achromatopsia
3947580

Achromatomaly
4404811

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5188452 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 #4F2B64 looks like.

```
.text, #text, p{  
    color:#4F2B64  
}
```

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 #4F2B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2B64
}
```

Border

The CSS property to change the border of an element to Decimal 5188452 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
#4F2B64 }
```

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

```
.border{ border-color:#4F2B64 }
```

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

Here you see how a box with a 4 pixel #4F2B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2B64; -webkit-box-shadow:4px 4px  
4px 4px #4F2B64; box-shadow:4px 4px 4px  
4px #4F2B64 }
```

Background

The CSS property to change the background color of an element to Decimal 5188452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2B64 }
```

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

```
.background{ background-color:#4F2B64 }
```

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