

Converting Colors

Decimal(5388404)

Have a look what the booklet for
Decimal(5388404) contains.

Decimal(5388404)	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(5388404)

Conversions

Conversions Part 1

Format	Color
Hex	523874
RGB	82, 56, 116
RGB Percent	32%, 22%, 45%
CMY	0.6784, 0.7804, 0.5451
CMYK	0.29, 0.52, 0.00, 0.55
HSL	266°, 35%, 34%
HSV	266°, 52%, 45%
XYZ	8.0462, 5.8831, 17.2345
YIQ	70.6140, -3.7640, 24.1720

Conversions

Conversions Part 2

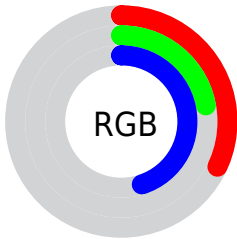
Format	Color
R_{YB}	82, 56, 116
Decimal	5388404
CIE _{Lab}	29.12, 25.08, -30.40
CIE _{LCh}	29, 39.411, 309.521
Yxy	5.8831, 0.2582, 0.1888
Android (android.graphics.Color)	4283578484 (0xFF523874)
YUV	70.6140, 22.3753, 9.9855
Hunter-Lab	24.2552, 16.7677, -25.1498

Details

The Decimal color **5388404** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5927992**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **8743080**, and **2231363** is the 20% darker color. If you saturate the color by 10%, you get **4926580**, and if you desaturate by 10%, it is **5850228**.

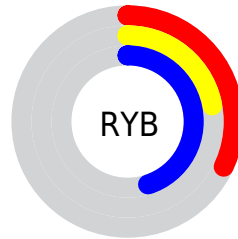
Distribution



Red (32%)

Green (22%)

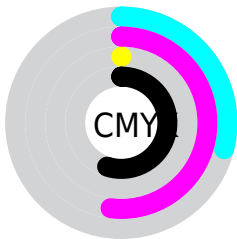
Blue (45%)



Red (32%)

Yellow (22%)

Blue (45%)

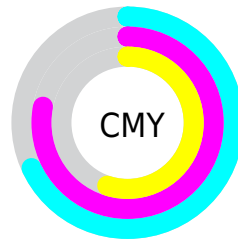


Cyan (29%)

Magenta (52%)

Yellow (0%)

Black (55%)



Cyan (68%)

Magenta (78%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5388404 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 5388404 by changing the saturation by 10% instead.

■ 5388404

■ 5388404

16777215

■ 3809883

■ 8743080

■ 2231363

■ 10518980

■ 983085

■ 12295136

■ 279

■ 14202621

■ 0

■ 16044799

■ 16772863

■ 5388404

■ 5388404

■ 4926580

■ 5850228

■ 4530548

■ 6246260

■ 4068724

■ 6708084

■ 3672692

■ 7104116

■ 3276916

■ 7565940

■ 7962228

■ 8423796

■ 8885620

■ 9281652

Harmonies

Analogous

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



411009



5388404



7350875

Triad

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



5388404



6568709



21326

Complementary

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



5388404



5927992

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.



20782



5388404



4867584

Square

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



5388404



7745055



2706704



21099

Rectangle

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



5388404



7939398



2706704



21315

Sweetspot

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



5388404



9010838



3693172



4472397



13421772



5066061

Same Dimension

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



5388404



6437270



7354484



3618107



3473530



7078138

Inverse Universe

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



7616602



9845102



3961912



3880248



7995461



16384142

Previews

White Background



This preview shows how the Decimal color 5388404 looks on a white background.

Color Contrast Check

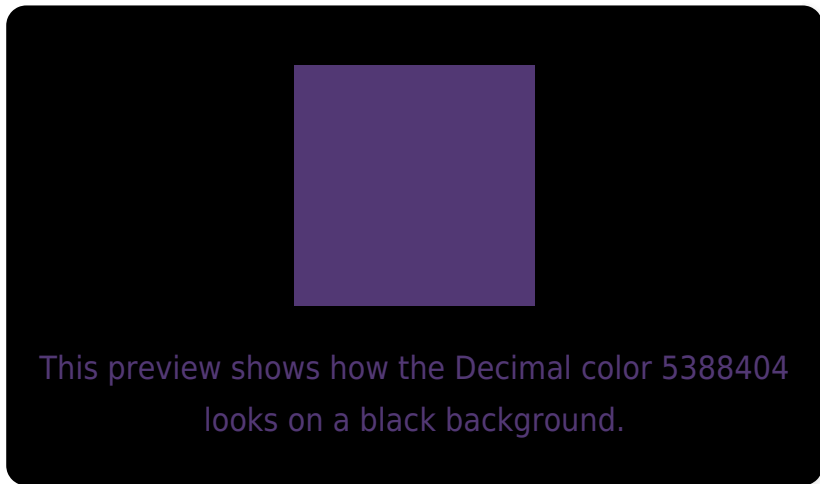
Large Text (above 18pt) WCAG AA ✓ Pass

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

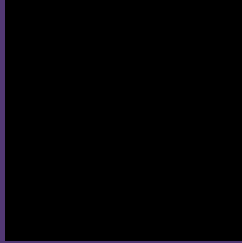
Any Text WCAG AA × Fail

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 5388404 Background



This preview shows how black text looks on a background with the Decimal color 5388404.



This preview shows how white text looks on a background with the Decimal color 5388404.

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](#).

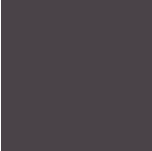
Dichromacy



Original Color
5388404

Protanopia
2573183

Deuteranopia
2704753



Tritanopia
4866888

Trichromacy



Original Color
5388404

Protanomaly
3620731

Deuteranomaly
3686514

Tritanomaly
5062488

Monochromacy



Original Color
5388404

Achromatopsia
4671303

Achromatomaly
4932183

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5388404 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 #523874 looks like.

```
.text, #text, p{  
  color:#523874  
}
```

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 #523874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #523874
}
```

Border

The CSS property to change the border of an element to Decimal 5388404 is called "border". The border property can be set on classes, ids or directly on the HTML element.

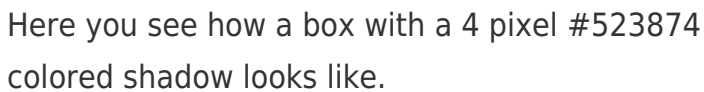
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#523874 }
```

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

```
.border{ border-color:#523874 }
```

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



Here you see how a box with a 4 pixel #523874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #523874; -webkit-box-shadow:4px 4px  
4px 4px #523874; box-shadow:4px 4px 4px  
4px #523874 }
```

Background

The CSS property to change the background color of an element to Decimal 5388404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#523874 }
```

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

```
.background{ background-color:#523874 }
```

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