

Converting Colors

Decimal(4937366)

Have a look what the booklet for
Decimal(4937366) contains.

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Color

Decimal(4937366)

Conversions

Conversions Part 1

Format	Color
Hex	4B5696
RGB	75, 86, 150
RGB Percent	29%, 34%, 59%
CMY	0.7059, 0.6627, 0.4118
CMYK	0.50, 0.43, 0.00, 0.41
HSL	231°, 33%, 44%
HSV	231°, 50%, 59%
XYZ	11.7345, 10.3534, 30.2341
YIQ	90.0070, -27.1000, 17.5720

Conversions

Conversions Part 2

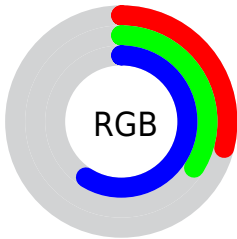
Format	Color
R_{YB}	75, 85, 150
Decimal	4937366
CIE Lab	38.47, 14.19, -36.57
CIE LCh	38, 39.222, 291.205
Yxy	10.3534, 0.2243, 0.1979
Android (android.graphics.Color)	4283127446 (0xFF4B5696)
YUV	90.0070, 29.5765, -13.1611
Hunter-Lab	32.1768, 8.7874, -33.1867

Details

The Decimal color **4937366** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9866059**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **8423629**, and **1190243** is the 20% darker color. If you saturate the color by 10%, you get **3950998**, and if you desaturate by 10%, it is **5923734**.

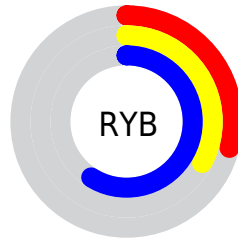
Distribution



Red (29%)

Green (34%)

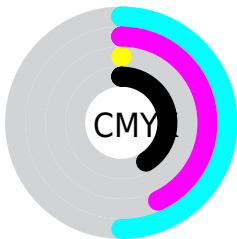
Blue (59%)



Red (29%)

Yellow (33%)

Blue (59%)

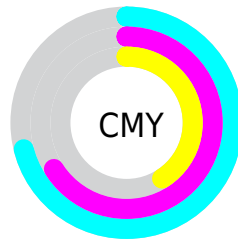


Cyan (50%)

Magenta (43%)

Yellow (0%)

Black (41%)



Cyan (71%)

Magenta (66%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4937366 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 4937366 by changing the saturation by 10% instead.

■ 4937366

■ 4937366

16777215

■ 3161980

■ 8423629

■ 1190243

■ 10199785

■ 5450

■ 12041727

■ 51

■ 13949183

■ 541

■ 15857151

■ 0

■ 4937366

■ 4937366

■ 3950998

■ 5923734

■ 2964630

■ 6910102

■ 1978518

■ 7896214

■ 992150

■ 8882582

■ 5782

■ 9868950

■ 10855318

■ 11841686

■ 12827798

■ 13814166

Harmonies

Analogous

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



24985



4937366



7883139

Triad

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



4937366



9062698



26960

Complementary

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



4937366



9866059

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.



3106353



4937366



7624216

Square

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



4937366



9781061



5660698



27249

Rectangle

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



4937366



9060720



5660698



26949

Sweetspot

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



4937366



10856898



4953739



5198433



14737632



6381921

Same Dimension

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



4937366



5136322



6638486



4408394



5258



266

Inverse Universe

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



9849686



12734047



8164939



4866884



9043988



655361

Previews

White Background



This preview shows how the Decimal color 4937366 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



This preview shows how the Decimal color 4937366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

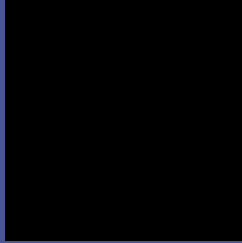
Any Text WCAG AA × Fail

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 4937366 Background



This preview shows how black text looks on a background with the Decimal color 4937366.



This preview shows how white text looks on a background with the Decimal color 4937366.

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

4937366

Protanopia

4216984

Deuteranopia

3496853



Tritanopia
4022376

Trichromacy



Original Color
4937366

Protanomaly
4478871

Deuteranomaly
4020629

Tritanomaly
4349049

Monochromacy



Original Color
4937366

Achromatopsia
5921370

Achromatomaly
5593456

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4937366 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 #4B5696 looks like.

```
.text, #text, p{  
  color:#4B5696  
}
```

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 #4B5696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5696
}
```

Border

The CSS property to change the border of an element to Decimal 4937366 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".

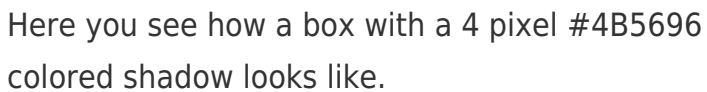
```
.border, #border, table{ border:4px solid
#4B5696 }
```

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

```
.border{ border-color:#4B5696 }
```

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

Here you see how a box with a 4 pixel #4B5696 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 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5696; -webkit-box-shadow:4px 4px  
4px 4px #4B5696; box-shadow:4px 4px 4px  
4px #4B5696 }
```

Background

The CSS property to change the background color of an element to Decimal 4937366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5696 }
```

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

```
.background{ background-color:#4B5696 }
```

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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