

Converting Colors

Decimal(4877237)

Have a look what the booklet for
Decimal(4877237) contains.

Decimal(4877237)	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(4877237)

Conversions

Conversions Part 1

Format	Color
Hex	4A6BB5
RGB	74, 107, 181
RGB Percent	29%, 42%, 71%
CMY	0.7098, 0.5804, 0.2902
CMYK	0.59, 0.41, 0.00, 0.29
HSL	221°, 42%, 50%
HSV	221°, 59%, 71%
XYZ	16.4222, 15.3074, 45.8051
YIQ	105.5690, -43.4220, 16.0180

Conversions

Conversions Part 2

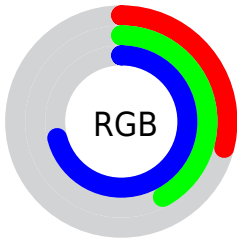
Format	Color
R_{YB}	74, 99, 181
Decimal	4877237
CIE _{Lab}	46.05, 11.02, -42.87
CIE _{LCh}	46, 44.265, 284.412
Yxy	15.3074, 0.2118, 0.1974
Android (android.graphics.Color)	4283067317 (0xFF4A6BB5)
YUV	105.5690, 37.1875, -27.6860
Hunter-Lab	39.1247, 6.4554, -42.0263

Details

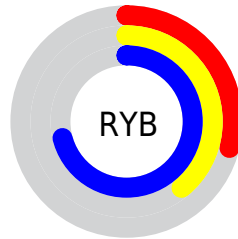
The Decimal color **4877237** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11899978**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **8625901**, and **15488** is the 20% darker color. If you saturate the color by 10%, you get **3694261**, and if you desaturate by 10%, it is **6060213**.

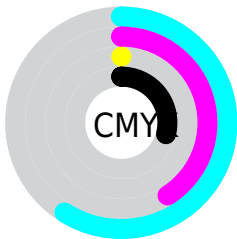
Distribution



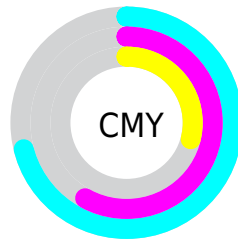
- Red (29%)
- Green (42%)
- Blue (71%)



- Red (29%)
- Yellow (39%)
- Blue (71%)



- Cyan (59%)
- Magenta (41%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4877237 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 4877237 by changing the saturation by 10% instead.

■ 4877237

■ 4877237

16777215

■ 2839450

■ 8625901

■ 15488

■ 10467839

■ 10086

■ 12375295

■ 5198

■ 14283263

■ 1334

■ 16187391

■ 544

■ 4

■ 0

■ 4877237

■ 4877237

■ 3694261

■ 6060213

■ 2511541

■ 7242933

■ 1328565

■ 8425909

■ 145845

■ 9608629

■ 14517

■ 10857141

■ 12039861

■ 13222837

■ 14405557

■ 15588533

Harmonies

Analogous

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



30644



4877237



8805538

Triad

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



4877237



11032123



32344

Complementary

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



4877237



11899978

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.



4618549



4877237



9528354

Square

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



4877237



11619421



7368991



32638

Rectangle

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



4877237



10375822



7368991



1604940

Sweetspot

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



4877237



12635627



4896147



5989237



16119285



7697781

Same Dimension

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



4877237



4487147



6179509



5264217



12185



2074

Inverse Universe

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



11881067



15418487



10597706



5853267



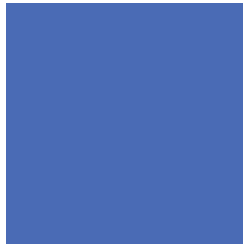
10027055



1703944

Previews

White Background



This preview shows how the Decimal color 4877237 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 4877237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

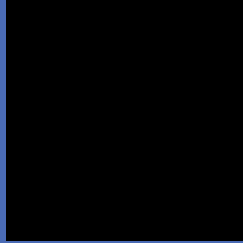
Any Text WCAG AA × Fail

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 4877237 Background



This preview shows how black text looks on a background with the Decimal color 4877237.



This preview shows how white text looks on a background with the Decimal color 4877237.

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
4877237

Protanopia
5139124

Deuteranopia
4025780



Tritanopia
3372672

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4877237 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 #4A6BB5 looks like.

```
.text, #text, p{  
    color:#4A6BB5  
}
```

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 #4A6BB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6BB5
}
```

Border

The CSS property to change the border of an element to Decimal 4877237 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
#4A6BB5 }
```

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

```
.border{ border-color:#4A6BB5 }
```

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

Here you see how a box with a 4 pixel #4A6BB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6BB5; -webkit-box-shadow:4px 4px  
4px 4px #4A6BB5; box-shadow:4px 4px 4px  
4px #4A6BB5 }
```

Background

The CSS property to change the background color of an element to Decimal 4877237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6BB5 }
```

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

```
.background{ background-color:#4A6BB5 }
```

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