

Converting Colors

Decimal(4941477)

Have a look what the booklet for
Decimal(4941477) contains.

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Color

Decimal(4941477)

Conversions

Conversions Part 1

Format	Color
Hex	4B66A5
RGB	75, 102, 165
RGB Percent	29%, 40%, 65%
CMY	0.7059, 0.6000, 0.3529
CMYK	0.55, 0.38, 0.00, 0.35
HSL	222°, 38%, 47%
HSV	222°, 55%, 65%
XYZ	14.4446, 13.7152, 37.4833
YIQ	101.1090, -36.3150, 13.8690

Conversions

Conversions Part 2

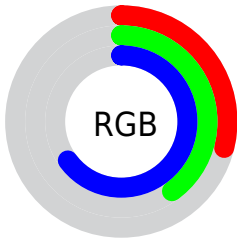
Format	Color
R_{YB}	75, 96, 165
Decimal	4941477
CIE _{Lab}	43.82, 8.97, -37.03
CIE _{LCh}	44, 38.101, 283.620
Yxy	13.7152, 0.2200, 0.2089
Android (android.graphics.Color)	4283131557 (0xFF4B66A5)
YUV	101.1090, 31.4983, -22.8976
Hunter-Lab	37.0341, 4.8115, -34.0854

Details

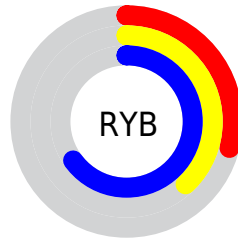
The Decimal color **4941477** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10848843**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **8559068**, and **669809** is the 20% darker color. If you saturate the color by 10%, you get **3889829**, and if you desaturate by 10%, it is **6058661**.

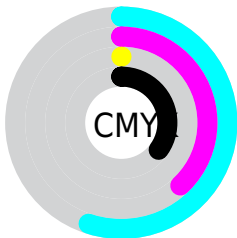
Distribution



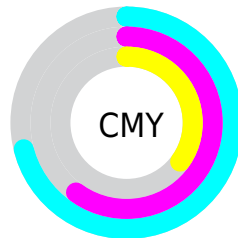
- Red (29%)
- Green (40%)
- Blue (65%)



- Red (29%)
- Yellow (38%)
- Blue (65%)



- Cyan (55%)
- Magenta (38%)
- Yellow (0%)
- Black (35%)



- Cyan (71%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4941477 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 4941477 by changing the saturation by 10% instead.

■ 4941477

■ 4941477

16777215

■ 3100298

■ 8559068

■ 669809

■ 10335225

■ 9048

■ 12177407

■ 3392

■ 14085119

■ 809

■ 15990783

■ 275

■ 0

■ 4941477

■ 4941477

■ 3889829

■ 6058661

■ 2772901

■ 7110053

■ 1721253

■ 8227237

■ 604325

■ 9278629

■ 12709

■ 10330277

■ 11447205

■ 12498853

■ 13615781

■ 14667429

Harmonies

Analogous

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



28836



4941477



8149398

Triad

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



4941477



10245181



620117

Complementary

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



4941477



10848843

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.



4813368



4941477



8937514

Square

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



4941477



10701914



7105063



30581

Rectangle

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



4941477



9523844



7105063



2651466

Sweetspot

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



4941477



11845334



4957578



5725547



15461355



7039851

Same Dimension

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



4941477



4945366



6114213



4803666



11409



1298

Inverse Universe

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



10832742



14044021



9676107



5392716



9502764



1179653

Previews

White Background



This preview shows how the Decimal color 4941477 looks on a white background.

Color Contrast Check

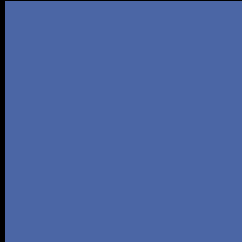
Large Text (above 18pt) WCAG AA ✓ Pass

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 4941477 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

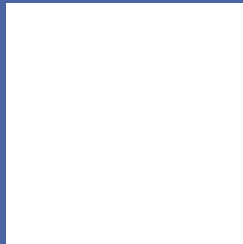
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4941477 Background



This preview shows how black text looks on a background with the Decimal color 4941477.



This preview shows how white text looks on a background with the Decimal color 4941477.

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


4941477

Protanopia

5203364

Deuteranopia

4482981



Tritanopia
3895160

Trichromacy



Original Color
4941477

Protanomaly
5137828

Deuteranomaly
4679589

Tritanomaly
4287624

Monochromacy



Original Color
4941477

Achromatopsia
6645093

Achromatomaly
6055292

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4941477 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 #4B66A5 looks like.

```
.text, #text, p{  
  color:#4B66A5  
}
```

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 #4B66A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B66A5
}
```

Border

The CSS property to change the border of an element to Decimal 4941477 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
#4B66A5 }
```

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

```
.border{ border-color:#4B66A5 }
```

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

Here you see how a box with a 4 pixel #4B66A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B66A5; -webkit-box-shadow:4px 4px  
4px 4px #4B66A5; box-shadow:4px 4px 4px  
4px #4B66A5 }
```

Background

The CSS property to change the background color of an element to Decimal 4941477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B66A5 }
```

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

```
.background{ background-color:#4B66A5 }
```

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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