

# Converting Colors

Decimal(4941951)

Have a look what the booklet for  
Decimal(4941951) contains.

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# Color

**Decimal(4941951)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B687F
RGB	75, 104, 127
RGB Percent	29%, 41%, 50%
CMY	0.7059, 0.5922, 0.5020
CMYK	0.41, 0.18, 0.00, 0.50
HSL	207°, 26%, 40%
HSV	207°, 41%, 50%
XYZ	11.6827, 12.9288, 21.9584
YIQ	97.9510, -24.6670, 1.0050

# Conversions

## Conversions Part 2

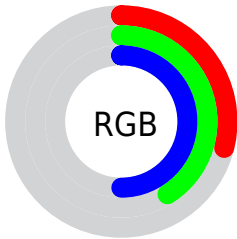
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 94, 127
Decimal	4941951
CIE <sub>Lab</sub>	42.66, -4.22, -16.15
CIE <sub>LCh</sub>	43, 16.698, 255.346
Yxy	12.9288, 0.2509, 0.2776
Android (android.graphics.Color)	4283132031 (0xFF4B687F)
YUV	97.9510, 14.3212, -20.1280
Hunter-Lab	35.9566, -4.9274, -11.0383

# Details

The Decimal color **4941951** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8348235**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **8297396**, and **1718606** is the 20% darker color. If you saturate the color by 10%, you get **4088447**, and if you desaturate by 10%, it is **5795455**.

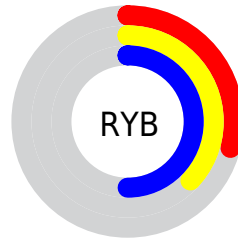
# Distribution



Red (29%)

Green (41%)

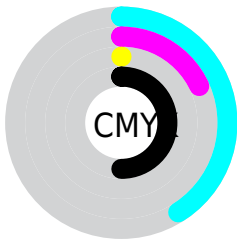
Blue (50%)



Red (29%)

Yellow (37%)

Blue (50%)

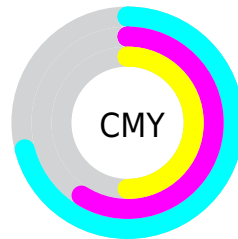


Cyan (41%)

Magenta (18%)

Yellow (0%)

Black (50%)



Cyan (71%)

Magenta (59%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4941951 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 4941951 by changing the saturation by 10% instead.





4941951



4941951

16777215



3297382



8297396



1718606



10008271



9271



11850220



3618



13692671



9



15532031



0



4941951



4941951



4088447



5795455



3300735



6583167

■ 2447231

■ 7436671

■ 1593983

■ 8289919

■ 806015

■ 9143423

■ 18303

■ 9931391

■ 10784639

■ 11638143

■ 12426111

# Harmonies

## Analogous

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



4090744



4941951



6186111

# Triad

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



4941951



8477534



5794385

# Complementary

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



4941951



8348235

# 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.



6841930



4941951



8281426

# Square

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



4941951



8149868



7692874



4811869

# Rectangle

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



4941951



6971515



7692874



6121806



# Sweetspot

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



4941951



9608614



4947810



4738900



13948116



5526612



# Same Dimension

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



4941951



5604006



4935295



3751232



18304



0



# Inverse Universe

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



8342376



10900866



8354891



4208957



8388679



0



# Previews

## White Background



This preview shows how the Decimal color 4941951 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 4941951 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

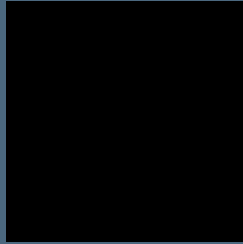
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

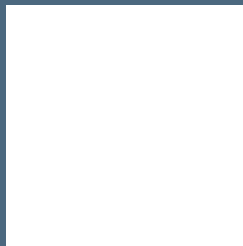
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4941951 Background



This preview shows how black text looks on a background with the Decimal color 4941951.

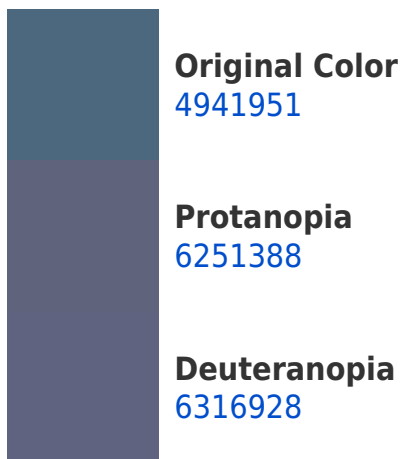


This preview shows how white text looks on a background with the Decimal color 4941951.

# 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





# Trichromacy



**Original Color**  
4941951

**Protanomaly**  
5793149

**Deuteranomaly**  
5793152

**Tritanomaly**  
4811127

# Monochromacy



**Original Color**  
4941951

**Achromatopsia**  
6447714

**Achromatomaly**  
5923949

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4941951 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 #4B687F looks like.

```
.text, #text, p{  
    color:#4B687F  
}
```

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 #4B687F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B687F
}
```

## Border

The CSS property to change the border of an element to Decimal 4941951 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
#4B687F }
```

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

```
.border{ border-color:#4B687F }
```

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

Here you see how a box with a 4 pixel #4B687F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B687F; -webkit-box-shadow:4px 4px  
4px 4px #4B687F; box-shadow:4px 4px 4px  
4px #4B687F }
```

# Background

The CSS property to change the background color of an element to Decimal 4941951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B687F }
```

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

```
.background{ background-color:#4B687F }
```

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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