

# Converting Colors

Decimal(11824550)

Have a look what the booklet for  
Decimal(11824550) contains.

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# **Color**

**Decimal(11824550)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B46DA6
RGB	180, 109, 166
RGB Percent	71%, 43%, 65%
CMY	0.2941, 0.5725, 0.3490
CMYK	0.00, 0.39, 0.08, 0.29
HSL	312°, 32%, 57%
HSV	312°, 39%, 71%
XYZ	31.1740, 23.3938, 38.9488
YIQ	136.7270, 24.0190, 32.7790

# Conversions

## Conversions Part 2

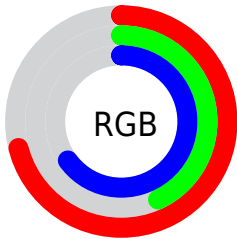
Format	Color
<a href="#">RYB</a>	<a href="#">180, 109, 166</a>
Decimal	<a href="#">11824550</a>
CIELab	<a href="#">55.48, 36.73, -18.74</a>
CIELCh	<a href="#">55, 41.236, 332.970</a>
Yxy	<a href="#">23.3938, 0.3334, 0.2502</a>
Android (android.graphics.Color)	<a href="#">4290014630 (0xFFB46DA6)</a>
YUV	<a href="#">136.7270, 14.4316, 37.9504</a>
Hunter-Lab	<a href="#">48.3671, 30.4059, -13.8878</a>

# Details

The Decimal color **11824550** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7189627**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **15573725**, and **8272754** is the 20% darker color. If you saturate the color by 10%, you get **11819938**, and if you desaturate by 10%, it is **11829162**.

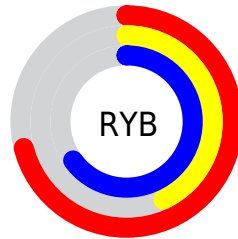
# Distribution



Red (71%)

Green (43%)

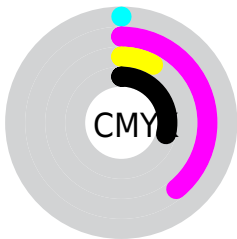
Blue (65%)



Red (71%)

Yellow (43%)

Blue (65%)

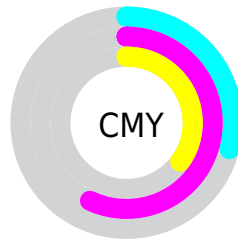


Cyan (0%)

Magenta (39%)

Yellow (8%)

Black (29%)



Cyan (29%)

Magenta (57%)


Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11824550 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 11824550 by changing the saturation by 10% instead.



 11824550

 11824550

16777215

 10048652

 15573725

 8272754

 16760314

 6562393

 16767743

 4851266

 16774911

 3276843

 1638423

 0

 11824550

 11824550

 11819938

 11829162

11815327

11833773

11810715

11838385

11806104

11842996

11801492

11847608

11796881

11852219

11796625

11856831

11861442

11861958

# Harmonies

## Analogous

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



9206465



11824550



13068163

# Triad

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



11824550



9929787



38571

# Complementary

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



11824550



7189627

# 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.



38791



11824550



7507527

# Square

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



11824550



11827013



4363363



37316

# Rectangle

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



11824550



13134187



4363363



38816



# Sweetspot

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



11824550



15453925



8023476



7693682



16119285



7697781



# Same Dimension

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



11824550



15432917



11824515



5853271



10027131



1703956



# Inverse Universe

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



11824550



15432917



7189662



5853271



10027131



1703956



# Previews

## White Background



This preview shows how the Decimal color 11824550 looks on a white background.

## Color Contrast Check

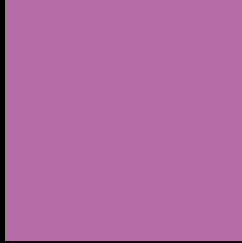
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 11824550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

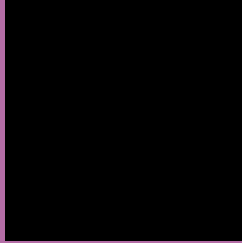
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11824550 Background



This preview shows how black text looks on a background with the Decimal color 11824550.



This preview shows how white text looks on a background with the Decimal color 11824550.

# 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





**Tritanopia**  
11498878

# Trichromacy



**Original Color**  
11824550



**Protanomaly**  
9272496



**Deuteranomaly**  
9796259



**Tritanomaly**  
11629197

# Monochromacy



**Original Color**  
11824550



**Achromatopsia**  
9013641



**Achromatomaly**  
10059668

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11824550 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 #B46DA6 looks like.

```
.text, #text, p{  
    color:#B46DA6  
}
```

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 #B46DA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46DA6
}
```

## Border

The CSS property to change the border of an element to Decimal 11824550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

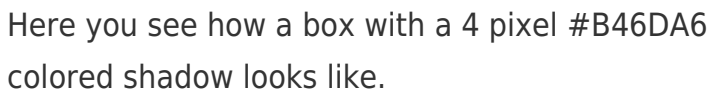
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B46DA6 }
```

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

```
.border{ border-color:#B46DA6 }
```

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



Here you see how a box with a 4 pixel #B46DA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46DA6; -webkit-box-shadow:4px 4px  
4px 4px #B46DA6; box-shadow:4px 4px 4px  
4px #B46DA6 }
```

# Background

The CSS property to change the background color of an element to Decimal 11824550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46DA6 }
```

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

```
.background{ background-color:#B46DA6 }
```

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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