

Converting Colors

Decimal(11887570)

Have a look what the booklet for
Decimal(11887570) contains.

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Color

Decimal(11887570)

Conversions

Conversions Part 1

Format	Color
Hex	B563D2
RGB	181, 99, 210
RGB Percent	71%, 39%, 82%
CMY	0.2902, 0.6118, 0.1765
CMYK	0.14, 0.53, 0.00, 0.18
HSL	284°, 55%, 61%
HSV	284°, 53%, 82%
XYZ	35.1508, 23.4006, 63.6369
YIQ	136.1720, 13.2410, 51.9050

Conversions

Conversions Part 2

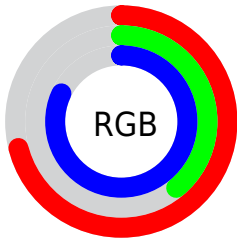
Format	Color
RYB	181, 99, 210
Decimal	11887570
CIELab	55.48, 50.78, -43.97
CIElCh	55, 67.173, 319.111
Yxy	23.4006, 0.2877, 0.1915
Android (android.graphics.Color)	4290077650 (0xFFB563D2)
YUV	136.1720, 36.3972, 39.3142
Hunter-Lab	48.3741, 45.0511, -44.1349

Details

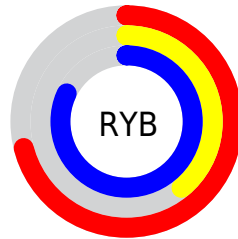
The Decimal color **11887570** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8442467**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **15702527**, and **8203931** is the 20% darker color. If you saturate the color by 10%, you get **11554514**, and if you desaturate by 10%, it is **12220626**.

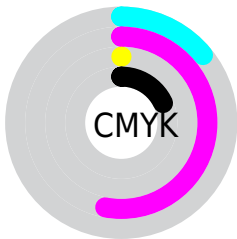
Distribution



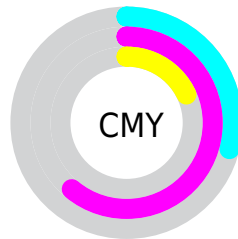
- Red (71%)
- Green (39%)
- Blue (82%)



- Red (71%)
- Yellow (39%)
- Blue (82%)



- Cyan (14%)
- Magenta (53%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (61%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11887570 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 11887570 by changing the saturation by 10% instead.

■ 11887570

■ 11887570

16777215

■ 10045878

■ 15702527

■ 8203931

■ 16758015

■ 6426752

■ 16765439

■ 4718695

■ 16772607

■ 3014734

■ 1310775

■ 544

■ 4


■ 0

 11887570

 11887570

 11554514

 12220626

 11155922


 12619218

 10822866

 12952274

 10424274

 13350866


 10158290

 13683922

 14082514

 14415570

 14811090

 15138770

Harmonies

Analogous

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



5406708



11887570



14829981

Triad

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



11887570



11631360



40873

Complementary

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



11887570



8442467

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.



40557



11887570



8162560

Square

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



11887570



14180652



2988081



40156

Rectangle

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



11887570



15484278



2988081



40854

Sweetspot

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



11887570



16045823



6521298



7956352



0



8421504

Same Dimension

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



11887570



13983487



13788088



6708841



8126632



1966121

Inverse Universe

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



13788032



16735880



6541949



6905441



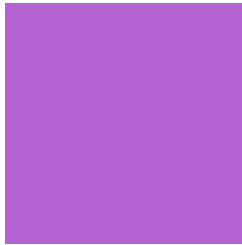
11010092



2686987

Previews

White Background



This preview shows how the Decimal color 11887570 looks on a white background.

Color Contrast Check

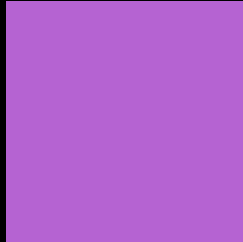
Large Text (above 18pt) WCAG AA ✓ Pass

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 11887570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

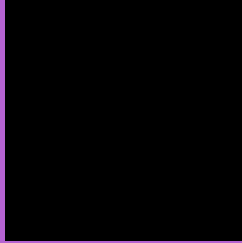
Any Text WCAG AA ✓ Pass

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 11887570 Background



This preview shows how black text looks on a background with the Decimal color 11887570.




This preview shows how white text looks on a background with the Decimal color 11887570.

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
11106177

Trichromacy



Original Color
11887570

Protanomaly
7698404

Deuteranomaly
8485326

Tritanomaly
11366558

Monochromacy



Original Color
11887570

Achromatopsia
8947848

Achromatomaly
9993123

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11887570 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 #B563D2 looks like.

```
.text, #text, p{  
  color:#B563D2  
}
```

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 #B563D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B563D2
}
```

Border

The CSS property to change the border of an element to Decimal 11887570 is called "border". The border property can be set on classes, ids or directly on the HTML element.

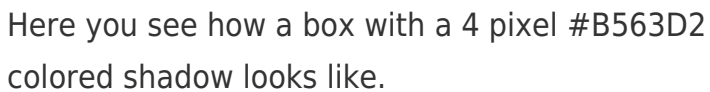
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B563D2 }
```

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

```
.border{ border-color:#B563D2 }
```

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



Here you see how a box with a 4 pixel `#B563D2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B563D2; -webkit-box-shadow:4px 4px  
4px 4px #B563D2; box-shadow:4px 4px 4px  
4px #B563D2 }
```

Background

The CSS property to change the background color of an element to Decimal 11887570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B563D2 }
```

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

```
.background{ background-color:#B563D2 }
```

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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