

Converting Colors

Hex(B55D86)

Have a look what the booklet for
Hex(B55D86) contains.

| | |
|--|----|
| Hex(B55D86) | 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

Hex(B55D86)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B55D86 |
| RGB | 181, 93, 134 |
| RGB Percent | 71%, 36%, 53% |
| CMY | 0.2902, 0.6353, 0.4745 |
| CMYK | 0.00, 0.49, 0.26, 0.29 |
| HSL | 332°, 37%, 54% |
| HSV | 332°, 49%, 71% |
| XYZ | 27.2735, 19.3737, 24.8563 |
| YIQ | 123.9860, 39.2870, 31.4070 |

Conversions

Conversions Part 2

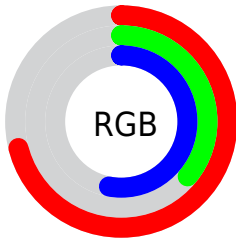
| Format | Color |
|-------------------------------------|---|
| RYB | 181, 93, 134 |
| Decimal | 11885958 |
| CIELab | 51.12, 40.47, -6.51 |
| CIELCh | 51, 40.992, 350.868 |
| Yxy | 19.3737, 0.3814, 0.2709 |
| Android (android.graphics.Color) | 4290076038 (0xFFB55D86) |
| YUV | 123.9860, 4.9369, 50.0013 |
| Hunter-Lab | 44.0156, 33.5772, -2.6711 |

Details

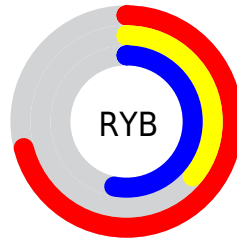
The Hex color **B55D86** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5DB58C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **EF92BB**, and **7E2A54** is the 20% darker color. If you saturate the color by 10%, you get **B54B7C**, and if you desaturate by 10%, it is **B56F90**.

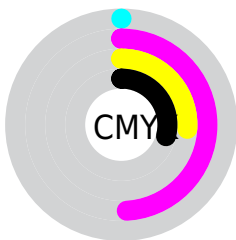
Distribution



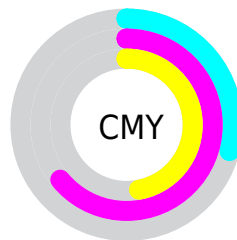
- Red (71%)
- Green (36%)
- Blue (53%)



- Red (71%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (49%)
- Yellow (26%)
- Black (29%)



- Cyan (29%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B55D86 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 Hex color B55D86 by changing the saturation by 10% instead.

 B55D86

 B55D86

FFFFFF

 99436D

 EF92BB

 7E2A54

 FFADD7

 630D3D

 FFC9F3

 490028

 FFE5FF

 320013

 060000

 000000

 B55D86

 B55D86

 B54B7C

 B56F90

 B53973

 B58199

 B52769

 B593A3

 B5155F

 B5A5AD

 B50356

 B5B8B6

 B50054

 B5CAC0

 B5DCCA

 B5EED3

 B5FFDD

Harmonies

Analogous

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



9A67A6



B55D86



BB5D63

Triad

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



B55D86



767F35



0088AF

Complementary

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



B55D86



5DB58C

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.



008B92



B55D86



4D874C

Square

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



B55D86



977433



008B6E



0381BF

Rectangle

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



B55D86



B5634E



008B6E



008AA7

Sweetspot

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



B55D86



EBC7D8



8C5DB5



75606A



F5F5F5



757575

Same Dimension

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



B55D86



EB63A2



B5605D



595054



990047



1A000C

Inverse Universe

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



B55D86



EB63A2



5DB2B5



595054



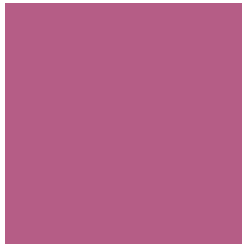
990047



1A000C

Previews

White Background



This preview shows how the Hex color B55D86 looks on a white background.

Color Contrast Check

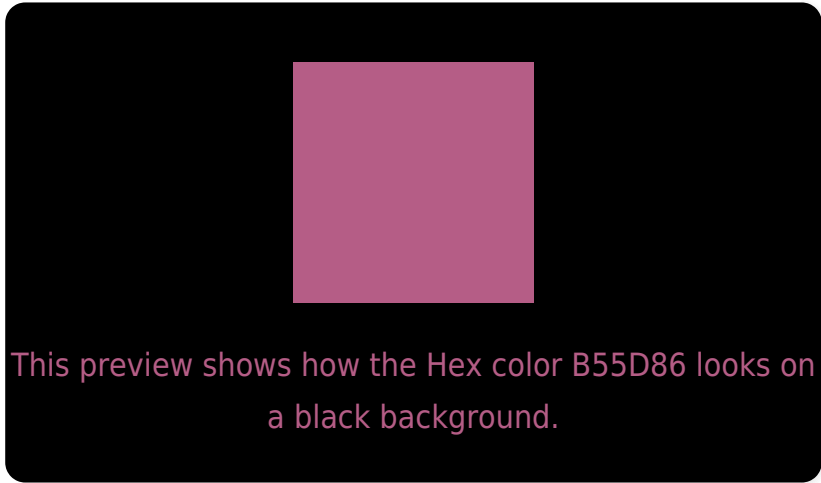
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

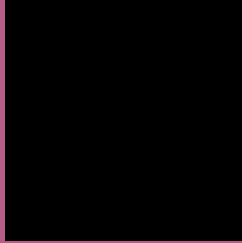
Any Text WCAG AA ✓ Pass

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](#).

Hex B55D86 Background



This preview shows how black text looks on a background with the Hex color B55D86.




This preview shows how white text looks on a background with the Hex color B55D86.

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](#).

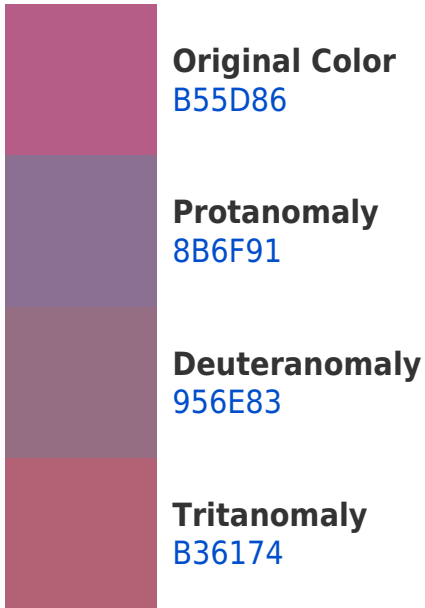
Dichromacy





Tritanopia
B2636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B55D86 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 #B55D86 looks like.

```
.text, #text, p{  
    color:#B55D86  
}
```

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 #B55D86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B55D86  
}
```

Border

The CSS property to change the border of an element to Hex B55D86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

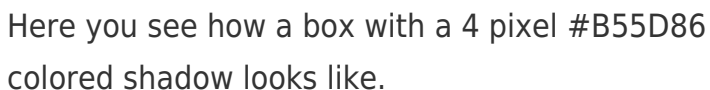
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B55D86 }
```

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

```
.border{ border-color:#B55D86 }
```

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



Here you see how a box with a 4 pixel #B55D86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B55D86; -webkit-box-shadow:4px 4px  
4px 4px #B55D86; box-shadow:4px 4px 4px  
4px #B55D86 }
```

Background

The CSS property to change the background color of an element to Hex B55D86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B55D86 }
```

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

```
.background{ background-color:#B55D86 }
```

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