

# Converting Colors

Hex(B25175)

Have a look what the booklet for  
Hex(B25175) contains.

<b>Hex(B25175)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B25175)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B25175
RGB	178, 81, 117
RGB Percent	70%, 32%, 46%
CMY	0.3020, 0.6824, 0.5412
CMYK	0.00, 0.54, 0.34, 0.30
HSL	338°, 39%, 51%
HSV	338°, 54%, 70%
XYZ	24.5134, 16.6342, 18.7483
YIQ	114.1070, 46.2560, 31.7600

# Conversions

## Conversions Part 2

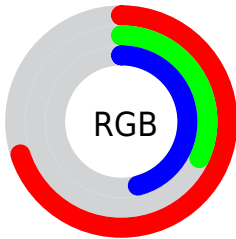
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 81, 117
Decimal	11686261
CIE <sub>Lab</sub>	47.80, 43.29, -1.27
CIE <sub>LCh</sub>	48, 43.304, 358.314
Yxy	16.6342, 0.4093, 0.2777
Android (android.graphics.Color)	4289876341 (0xFFB25175)
YUV	114.1070, 1.4262, 56.0342
Hunter-Lab	40.7850, 35.9117, 1.2947

# Details

The Hex color **B25175** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **51B28E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **EC86A9**, and **7A1C45** is the 20% darker color. If you saturate the color by 10%, you get **B23F6A**, and if you desaturate by 10%, it is **B26380**.

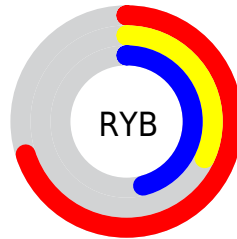
# Distribution



Red (70%)

Green (32%)

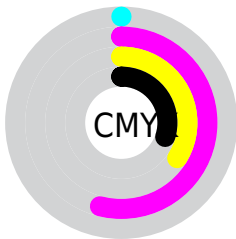
Blue (46%)



Red (70%)

Yellow (32%)

Blue (46%)

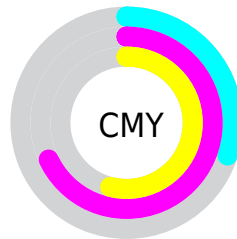


Cyan (0%)

Magenta (54%)

Yellow (34%)

Black (30%)



Cyan (30%)

Magenta (68%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B25175 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 B25175 by changing the saturation by 10% instead.



 B25175

 B25175

FFFFFF

 96375C

 EC86A9

 7A1C45

 FFA1C4

 5F002F

 FFBDE0

 44001A

 FFD9FD

 2D0002

 FFF6FF

 000000

 B25175

 B25175

 B23F6A

 B26380

 B22D5F

 B2758B

 B21C53

 B28697

 B20A48

 B298A2

 B20042

 B2AAAD

 B2BCB8

 B2CEC3

 B2DFCF

 B2F1DA

# Harmonies

## Analogous

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



9C5A98



B25175



B35551

# Triad

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



B25175



63792D



007FAF

# Complementary

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



B25175



51B28E

# 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.



008393



B25175



328049

# Square

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



B25175



876F24



00836E



1076BA

# Rectangle

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



B25175



AA5C3C



00836E



0081A7



# Sweetspot

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



B25175



E8C3D1



8D51B2



755F67



F5F5F5



757575



# Same Dimension

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



B25175



E85189



B25C51



595054



990039



1A0009



# Inverse Universe

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



B25175



E85189



51A7B2



595054



990039

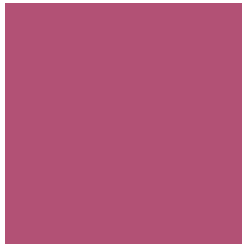


1A0009



# Previews

## White Background



This preview shows how the Hex color B25175 looks on a white background.

## Color Contrast Check

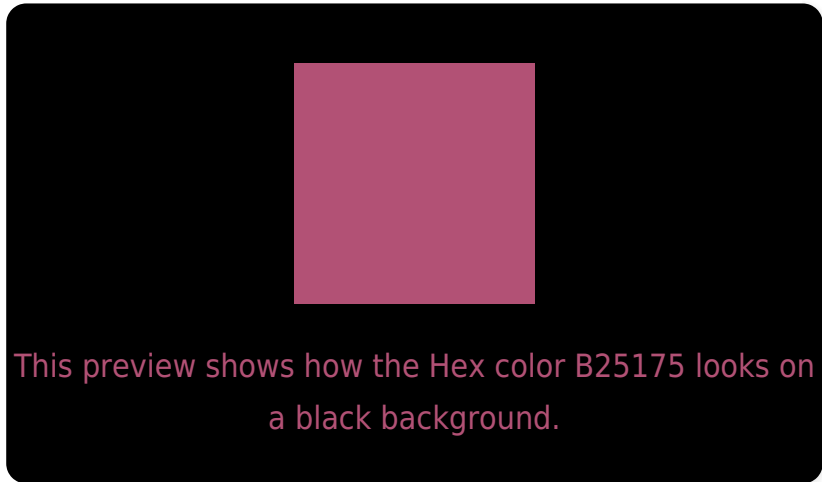
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

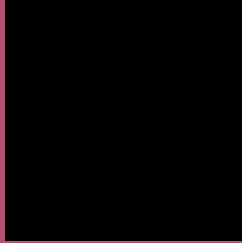
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B25175 Background



This preview shows how black text looks on a background with the Hex color B25175.




This preview shows how white text looks on a background with the Hex color B25175.

# 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**  
B0565C

# Trichromacy



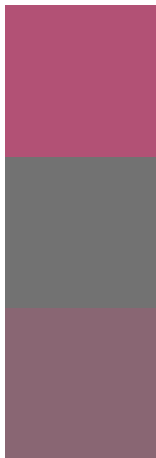
**Original Color**  
B25175

**Protanomaly**  
866582

**Deuteranomaly**  
916372

**Tritanomaly**  
B15465

# Monochromacy



**Original Color**  
B25175

**Achromatopsia**  
727272

**Achromatomaly**  
896673

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B25175 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 #B25175 looks like.

```
.text, #text, p{  
    color:#B25175  
}
```

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 #B25175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25175
}
```

## Border

The CSS property to change the border of an element to Hex B25175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

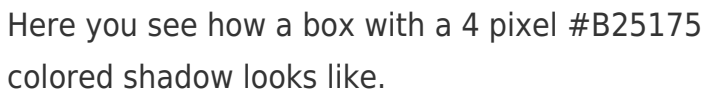
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B25175 }
```

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

```
.border{ border-color:#B25175 }
```

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



Here you see how a box with a 4 pixel #B25175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25175; -webkit-box-shadow:4px 4px  
4px 4px #B25175; box-shadow:4px 4px 4px  
4px #B25175 }
```

# Background

The CSS property to change the background color of an element to Hex B25175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25175 }
```

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

```
.background{ background-color:#B25175 }
```

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