

Converting Colors

Hex(87175B)

Have a look what the booklet for
Hex(87175B) contains.

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Color

Hex(87175B)

Conversions

Conversions Part 1

Format	Color
Hex	87175B
RGB	135, 23, 91
RGB Percent	53%, 9%, 36%
CMY	0.4706, 0.9098, 0.6431
CMYK	0.00, 0.83, 0.33, 0.47
HSL	324°, 71%, 31%
HSV	324°, 83%, 53%
XYZ	12.1864, 6.5190, 10.5135
YIQ	64.2400, 44.9240, 44.8920

Conversions

Conversions Part 2

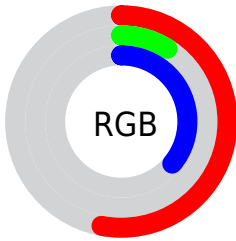
Format	Color
RYB	135, 23, 91
Decimal	8853339
CIELab	30.69, 50.89, -11.26
CIElCh	31, 52.124, 347.523
Yxy	6.5190, 0.4171, 0.2231
Android (android.graphics.Color)	4287043419 (0xFF87175B)
YUV	64.2400, 13.1927, 62.0565
Hunter-Lab	25.5324, 40.5150, -6.5413

Details

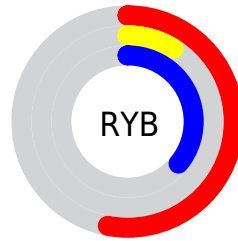
The Hex color **87175B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **178743**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **C0518D**, and **50002D** is the 20% darker color. If you saturate the color by 10%, you get **870A56**, and if you desaturate by 10%, it is **872560**.

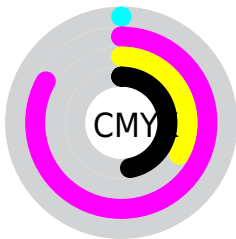
Distribution



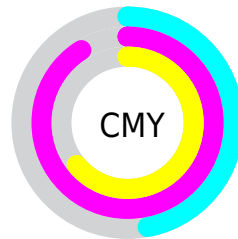
- Red (53%)
- Green (9%)
- Blue (36%)



- Red (53%)
- Yellow (9%)
- Blue (36%)



- Cyan (0%)
- Magenta (83%)
- Yellow (33%)
- Black (47%)



- Cyan (47%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87175B 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 87175B by changing the saturation by 10% instead.

 87175B

 87175B

FFFFFF

 6B0043

 C0518D

 50002D

 DD6CA8

 380019

 FB87C3

 170000

 FFA3DF

 000000

 FFBFFB

 FFDBFF

 FFF9FF

 87175B

 87175B

870A56

872560

870052

873266

873F6B

874D70

875B76

87687B

877680

878385

87918B

Harmonies

Analogous

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



663080



87175B



8E1533

Triad

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



87175B



434E00



005884

Complementary

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



87175B



178743

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.



005A60



87175B



005506

Square

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



87175B



674000



005935



005298

Rectangle

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



87175B



872418



005935



005979

Sweetspot

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



87175B



B0849F



421787



593E4F



D9D9D9



595959

Same Dimension

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



87175B



B0006B



871724



423C40



82004F



030002

Inverse Universe

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



87175B



B0006B



17877A



423C40



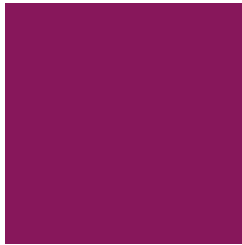
82004F



030002

Previews

White Background



This preview shows how the Hex color 87175B 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

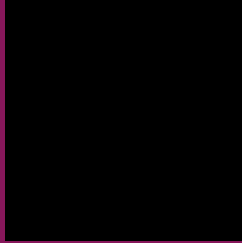
Any Text WCAG AA × Fail

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 87175B Background



This preview shows how black text looks on a background with the Hex color 87175B.



This preview shows how white text looks on a background with the Hex color 87175B.

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
84292B

Trichromacy



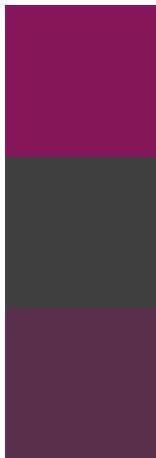
Original Color
87175B

Protanomaly
523671

Deuteranomaly
613657

Tritanomaly
85223C

Monochromacy



Original Color
87175B

Achromatopsia
404040

Achromatomaly
5A314A

CSS Examples

Text

The CSS property to change the color of the text to Hex 87175B 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 #87175B looks like.

```
.text, #text, p{  
    color:#87175B  
}
```

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 #87175B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87175B
}
```

Border

The CSS property to change the border of an element to Hex 87175B 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
#87175B }
```

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

```
.border{ border-color:#87175B }
```

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

Here you see how a box with a 4 pixel #87175B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87175B; -webkit-box-shadow:4px 4px  
4px 4px #87175B; box-shadow:4px 4px 4px  
4px #87175B }
```

Background

The CSS property to change the background color of an element to Hex 87175B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87175B }
```

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

```
.background{ background-color:#87175B }
```

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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