

Converting Colors

Hex(46125B)

Have a look what the booklet for
Hex(46125B) contains.

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Color

Hex(46125B)

Conversions

Conversions Part 1

Format	Color
Hex	46125B
RGB	70, 18, 91
RGB Percent	27%, 7%, 36%
CMY	0.7255, 0.9294, 0.6431
CMYK	0.23, 0.80, 0.00, 0.64
HSL	283°, 67%, 21%
HSV	283°, 80%, 36%
XYZ	4.6304, 2.4900, 10.1341
YIQ	41.8700, 7.5590, 33.7270

Conversions

Conversions Part 2

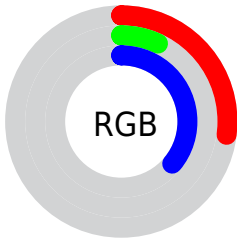
Format	Color
RYB	70, 18, 91
Decimal	4592219
CIELab	17.87, 36.61, -32.23
CIELCh	18, 48.776, 318.634
Yxy	2.4900, 0.2684, 0.1443
Android (android.graphics.Color)	4282782299 (0xFF46125B)
YUV	41.8700, 24.2211, 24.6700
Hunter-Lab	15.7798, 24.7641, -27.0312




Details

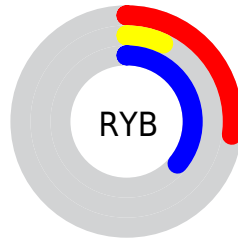
The Hex color **46125B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **275B12**, and the grayscale version is **2A2A2A**.




A 20% lighter version of the original color is **79438E**, and **19002D** is the 20% darker color. If you saturate the color by 10%, you get **43095B**, and if you desaturate by 10%, it is **491B5B**.

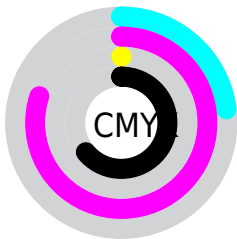
Distribution







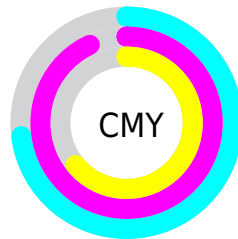
-  Red (27%)
-  Green (7%)
-  Blue (36%)






-  Red (27%)
-  Yellow (7%)
-  Blue (36%)



-  Cyan (23%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (73%)
-  Magenta (93%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46125B 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 46125B by changing the saturation by 10% instead.

■ 46125B

■ 46125B

FFFFFF

■ 2D0043

■ 79438E

■ 19002D

■ 945CA8

■ 000117

■ AF75C4

■ 000000

■ CB8FE0

■ E8AAFD

■ FFC6FF

■ FFE2FF

■ 46125B

■ 46125B

■ 43095B

■ 491B5B

■ 41005B

■ 4B245B

■ 4E2D5B

■ 50365B

■ 53405B

■ 56495B

■ 58525B

■ 5B5B5B

■ 5E645B

Harmonies

Analogous

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



002970



46125B



61003B

Triad

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



46125B



422600



003A41

Complementary

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



46125B



275B12

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.



00391D



46125B



223100

Square

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



46125B



5A1000



003600



003961

Rectangle

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



46125B



660023



003600



003935

Sweetspot

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



46125B



6D5975



12285B



362A3B



BABABA



3B3B3B

Same Dimension

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



46125B



550575



5B124C



2D292E



4E006E



A900ED

Inverse Universe

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



5B1227



750525



125B21



2E292B



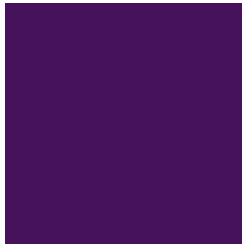
6E0020



ED0044

Previews

White Background



This preview shows how the Hex color 46125B looks on a white background.

Color Contrast Check

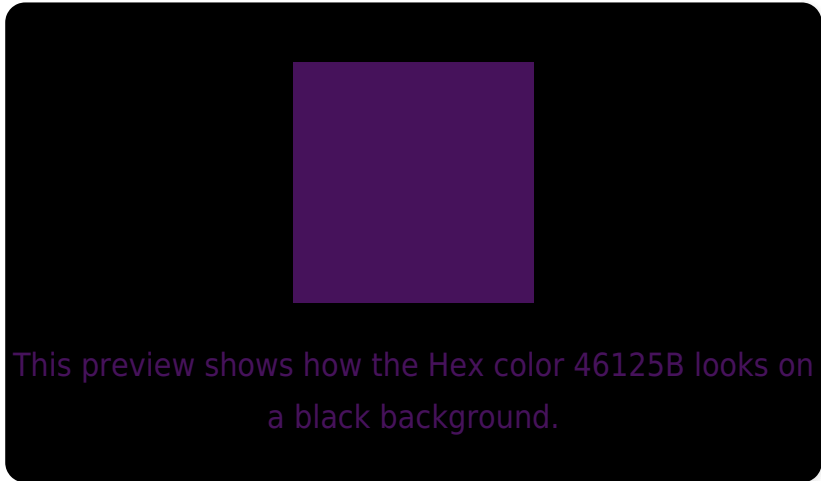
Large Text (above 18pt) WCAG AA ✓ Pass

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

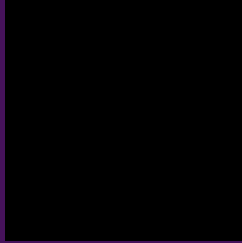
Any Text WCAG AA × Fail

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 46125B Background



This preview shows how black text looks on a background with the Hex color 46125B.



This preview shows how white text looks on a background with the Hex color 46125B.

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



Original Color
46125B

Protanopia
002C5D

Deuteranopia
002E51



Tritanopia
3E2729

Trichromacy



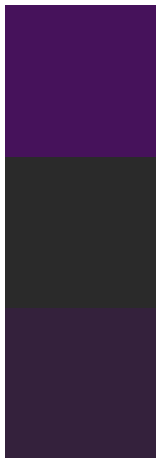
Original Color
46125B

Protanomaly
19235C

Deuteranomaly
192455

Tritanomaly
411F3B

Monochromacy



Original Color
46125B

Achromatopsia
2A2A2A

Achromatomaly
34213C

CSS Examples

Text

The CSS property to change the color of the text to Hex 46125B 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 #46125B looks like.

```
.text, #text, p{  
    color:#46125B  
}
```

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 #46125B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46125B
}
```

Border

The CSS property to change the border of an element to Hex 46125B is called "border". The border property can be set on classes, ids or directly on the HTML element.

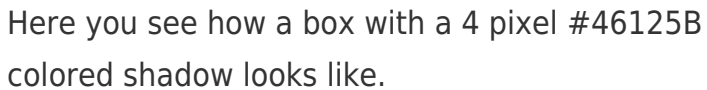
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46125B }
```

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

```
.border{ border-color:#46125B }
```

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



Here you see how a box with a 4 pixel #46125B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46125B; -webkit-box-shadow:4px 4px  
4px 4px #46125B; box-shadow:4px 4px 4px  
4px #46125B }
```

Background

The CSS property to change the background color of an element to Hex 46125B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46125B }
```

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

```
.background{ background-color:#46125B }
```

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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