

Converting Colors

Hex(4B2D5E)

Have a look what the booklet for
Hex(4B2D5E) contains.

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Color

Hex(4B2D5E)

Conversions

Conversions Part 1

Format	Color
Hex	4B2D5E
RGB	75, 45, 94
RGB Percent	29%, 18%, 37%
CMY	0.7059, 0.8235, 0.6314
CMYK	0.20, 0.52, 0.00, 0.63
HSL	277°, 35%, 27%
HSV	277°, 52%, 37%
XYZ	5.8604, 4.1808, 11.0878
YIQ	59.5560, 2.1510, 21.5990

Conversions

Conversions Part 2

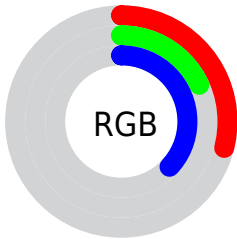
Format	Color
R _Y B	75, 45, 94
Decimal	4926814
CIE Lab	24.26, 23.99, -23.98
CIE LCh	24, 33.924, 315.016
Yxy	4.1808, 0.2774, 0.1979
Android (android.graphics.Color)	4283116894 (0xFF4B2D5E)
YUV	59.5560, 16.9809, 13.5444
Hunter-Lab	20.4470, 15.3787, -17.8383

Details

The Hex color **4B2D5E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **405E2D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7D5C91**, and **1E0030** is the 20% darker color. If you saturate the color by 10%, you get **47245E**, and if you desaturate by 10%, it is **4F365E**.

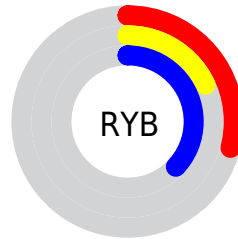
Distribution



Red (29%)

Green (18%)

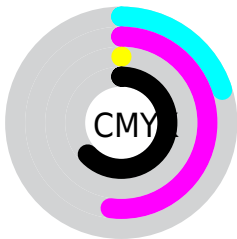
Blue (37%)



Red (29%)

Yellow (18%)

Blue (37%)

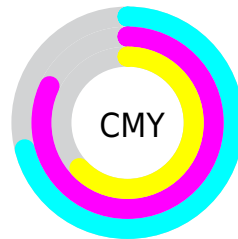


Cyan (20%)

Magenta (52%)

Yellow (0%)

Black (63%)



Cyan (71%)

Magenta (82%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B2D5E 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 4B2D5E by changing the saturation by 10% instead.

■ 4B2D5E

■ 4B2D5E

FFFFFF

■ 331746

■ 7D5C91

■ 1E0030

■ 9775AB

■ 00011A

■ B28EC7

■ 000000

■ CEA9E3

■ EBC4FF

■ FFE1FF

■ FFFDFD

■ 4B2D5E

■ 4B2D5E

■ 47245E

■ 4F365E

■ 441A5E

■ 52405E

■ 40115E

■ 56495E

■ 3C075E

■ 5A535E

■ 3A005E

■ 5D5C5E

■ 61655E

■ 656F5E

■ 68785E

■ 6C825E

Harmonies

Analogous

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



1E386B



4B2D5E



612348

Triad

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



4B2D5E



513402



004646

Complementary

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



4B2D5E



405E2D

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.



00452C



4B2D5E



3A3C00

Square

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



4B2D5E



612916



1C4213



00445D

Rectangle

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



4B2D5E



672036



1C4213



00463D

Sweetspot

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



4B2D5E



73677A



2D415E



39323D



BDBDBD



3D3D3D

Same Dimension

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



4B2D5E



5C2D7A



5E2D59



2C292E



43006E



9100ED

Inverse Universe

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



5E2D40



7A2D4B



2D5E32



2E292B



6E002B



ED005C

Previews

White Background



This preview shows how the Hex color 4B2D5E 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

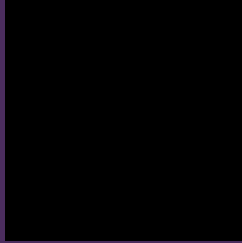
Any Text WCAG AA × Fail

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 4B2D5E Background



This preview shows how black text looks on a background with the Hex color 4B2D5E.



This preview shows how white text looks on a background with the Hex color 4B2D5E.

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](#).

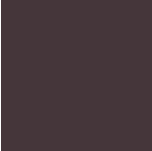
Dichromacy



Original Color
4B2D5E

Protanopia
233969

Deuteranopia
283A5B



Tritanopia
45363A

Trichromacy



Original Color
4B2D5E

Protanomaly
323565

Deuteranomaly
35355C

Tritanomaly
473347

Monochromacy



Original Color
4B2D5E

Achromatopsia
3C3C3C

Achromatomaly
413748

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B2D5E 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 #4B2D5E looks like.

```
.text, #text, p{  
    color:#4B2D5E  
}
```

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 #4B2D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B2D5E
}
```

Border

The CSS property to change the border of an element to Hex 4B2D5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

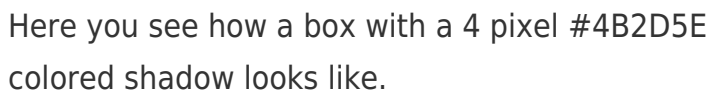
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B2D5E }
```

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

```
.border{ border-color:#4B2D5E }
```

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



Here you see how a box with a 4 pixel #4B2D5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B2D5E; -webkit-box-shadow:4px 4px  
4px 4px #4B2D5E; box-shadow:4px 4px 4px  
4px #4B2D5E }
```

Background

The CSS property to change the background color of an element to Hex 4B2D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B2D5E }
```

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

```
.background{ background-color:#4B2D5E }
```

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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