

Converting Colors

Hex(4E2365)

Have a look what the booklet for
Hex(4E2365) contains.

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Color

Hex(4E2365)

Conversions

Conversions Part 1

Format	Color
Hex	4E2365
RGB	78, 35, 101
RGB Percent	31%, 14%, 40%
CMY	0.6941, 0.8627, 0.6039
CMYK	0.23, 0.65, 0.00, 0.60
HSL	279°, 49%, 27%
HSV	279°, 65%, 40%
XYZ	6.0919, 3.7614, 12.7169
YIQ	55.3810, 4.4420, 29.6420

Conversions

Conversions Part 2

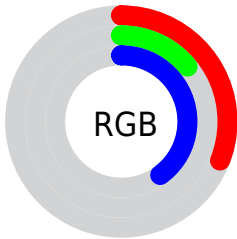
Format	Color
R_{YB}	78, 35, 101
Decimal	5120869
CIE Lab	22.87, 32.57, -30.75
CIE LCh	23, 44.794, 316.646
Yxy	3.7614, 0.2699, 0.1667
Android (android.graphics.Color)	4283310949 (0xFF4E2365)
YUV	55.3810, 22.4902, 19.8369
Hunter-Lab	19.3942, 22.1285, -25.3007

Details

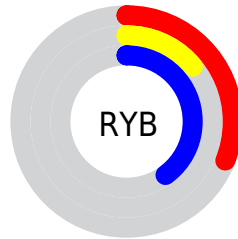
The Hex color **4E2365** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A6523**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **815298**, and **200036** is the 20% darker color. If you saturate the color by 10%, you get **4A1965**, and if you desaturate by 10%, it is **522D65**.

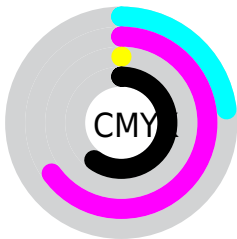
Distribution



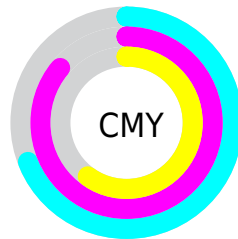
- Red (31%)
- Green (14%)
- Blue (40%)



- Red (31%)
- Yellow (14%)
- Blue (40%)



- Cyan (23%)
- Magenta (65%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (86%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E2365 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 4E2365 by changing the saturation by 10% instead.

 4E2365

 4E2365

FFFFFF

 350B4D

 815298

 200036

 9C6BB3

 00001F

 B785CF

 000003

 D4A0EB

 000000

 F0BBFF

 FFD7FF

 FFF3FF

 4E2365

 4E2365

■ 4A1965

■ 522D65

■ 470F65

■ 553765

■ 430565

■ 594165

■ 420065

■ 5C4B65

■ 605665

■ 636065

■ 676A65

■ 6A7465

■ 6E7E65

Harmonies

Analogous

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



003477



4E2365



690D47

Triad

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



4E2365



503000



004549

Complementary

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



4E2365



3A6523

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.



004426



4E2365



333B00

Square

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



4E2365



661E02



004100



004467

Rectangle

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



4E2365



700631



004100



00453D

Sweetspot

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



4E2365



796882



233A65



3D3242



C2C2C2



424242

Same Dimension

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



4E2365



5F1D82



65235B



312E33



4B0073



9E00F2

Inverse Universe

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



65233A



821D40



23652D



332E30



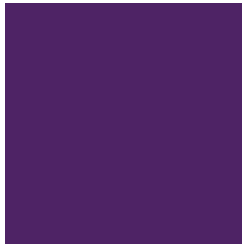
730028



F20054

Previews

White Background



This preview shows how the Hex color 4E2365 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

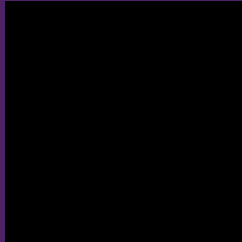
Any Text WCAG AA × Fail

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 4E2365 Background



This preview shows how black text looks on a background with the Hex color 4E2365.



This preview shows how white text looks on a background with the Hex color 4E2365.

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](#).

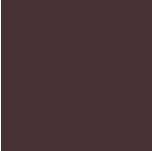
Dichromacy



Original Color
4E2365

Protanopia
003571

Deuteranopia
143861



Tritanopia
463235

Trichromacy



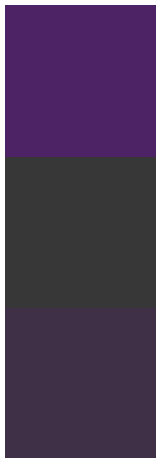
Original Color
4E2365

Protanomaly
1C2E6D

Deuteranomaly
293062

Tritanomaly
492D46

Monochromacy



Original Color
4E2365

Achromatopsia
373737

Achromatomaly
3F3048

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E2365 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 #4E2365 looks like.

```
.text, #text, p{  
    color:#4E2365  
}
```

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 #4E2365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E2365
}
```

Border

The CSS property to change the border of an element to Hex 4E2365 is called "border". The border property can be set on classes, ids or directly on the HTML element.

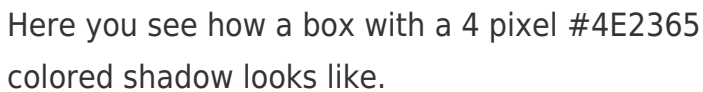
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E2365 }
```

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

```
.border{ border-color:#4E2365 }
```

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



Here you see how a box with a 4 pixel #4E2365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E2365; -webkit-box-shadow:4px 4px  
4px 4px #4E2365; box-shadow:4px 4px 4px  
4px #4E2365 }
```

Background

The CSS property to change the background color of an element to Hex 4E2365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E2365 }
```

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

```
.background{ background-color:#4E2365 }
```

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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