

Converting Colors

Hex(52226E)

Have a look what the booklet for
Hex(52226E) contains.

Hex(52226E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(52226E)

Conversions

Conversions Part 1

Format	Color
Hex	52226E
RGB	82, 34, 110
RGB Percent	32%, 13%, 43%
CMY	0.6784, 0.8667, 0.5686
CMYK	0.25, 0.69, 0.00, 0.57
HSL	278°, 53%, 28%
HSV	278°, 69%, 43%
XYZ	6.8662, 4.0637, 15.1743
YIQ	57.0160, 4.2120, 33.8120

Conversions

Conversions Part 2

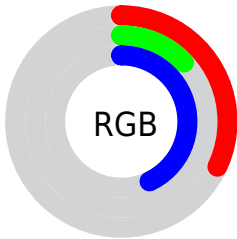
Format	Color
R_{YB}	82, 34, 110
Decimal	5382766
CIE _{Lab}	23.88, 36.34, -34.93
CIE _{LCh}	24, 50.406, 316.131
Yxy	4.0637, 0.2630, 0.1557
Android (android.graphics.Color)	4283572846 (0xFF52226E)
YUV	57.0160, 26.1211, 21.9110
Hunter-Lab	20.1586, 25.5210, -30.5194

Details

The Hex color **52226E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **3E6E22**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **8652A2**, and **22003E** is the 20% darker color. If you saturate the color by 10%, you get **4E176E**, and if you desaturate by 10%, it is **562D6E**.

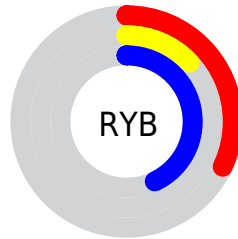
Distribution



Red (32%)

Green (13%)

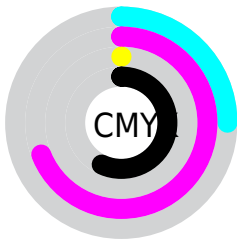
Blue (43%)



Red (32%)

Yellow (13%)

Blue (43%)

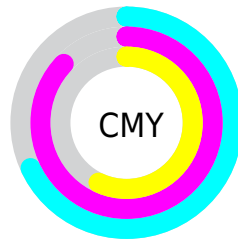


Cyan (25%)

Magenta (69%)

Yellow (0%)

Black (57%)



Cyan (68%)

Magenta (87%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52226E 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 52226E by changing the saturation by 10% instead.

■ 52226E

■ 52226E

FFFFFF

■ 390855

■ 8652A2

■ 22003E

■ A16BBD

■ 000027

■ BD85D9

■ 000110

■ D9A0F6

■ 000000

■ F6BBFF

■ FFD7FF

■ FFF4FF

■ 52226E

■ 52226E

■ 4E176E

■ 562D6E

■ 4A0C6E

■ 5A386E

■ 46016E

■ 5E436E

■ 45006E

■ 624E6E

■ 66596E

■ 6A646E

■ 6E6F6E

■ 727A6E

■ 76856E

Harmonies

Analogous

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



003783



52226E



72004C

Triad

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



52226E



553100



00484D

Complementary

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



52226E



3E6E22

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.



004725



52226E



343D00

Square

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



52226E



6D1B00



004400



00476F

Rectangle

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



52226E



790033



004400



004840

Sweetspot

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



52226E



84718F



223F6E



413647



C7C7C7



474747

Same Dimension

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



52226E



63188F



6E2265



363238



4C0078



9C00F7

Inverse Universe

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



6E223E



8F1844



226E2B



383235



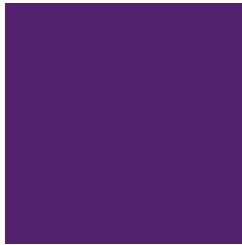
78002C



F7005B

Previews

White Background



This preview shows how the Hex color 52226E looks on a white background.

Color Contrast Check

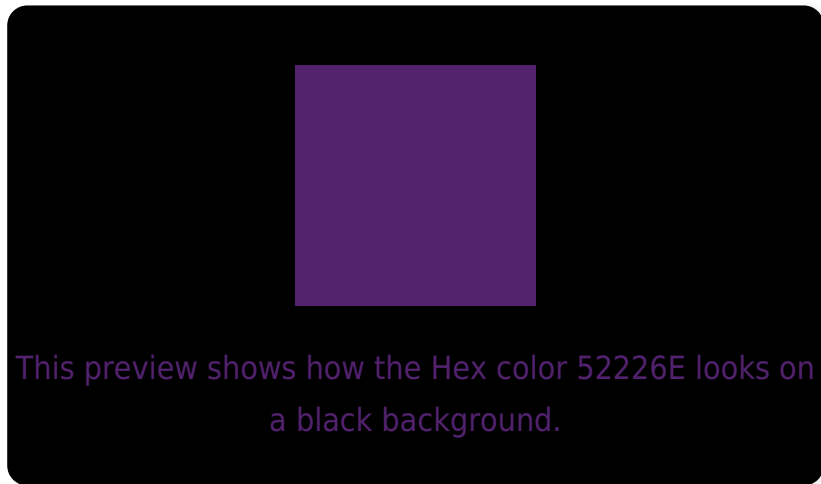
Large Text (above 18pt) WCAG AA ✓ Pass

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

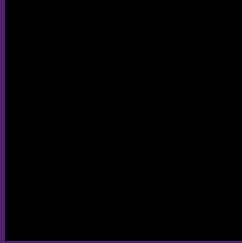
Any Text WCAG AA × Fail

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 52226E Background



This preview shows how black text looks on a background with the Hex color 52226E.



This preview shows how white text looks on a background with the Hex color 52226E.

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](#).

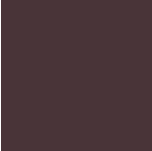
Dichromacy



Original Color
52226E

Protanopia
003876

Deuteranopia
003B68



Tritanopia
493438

Trichromacy



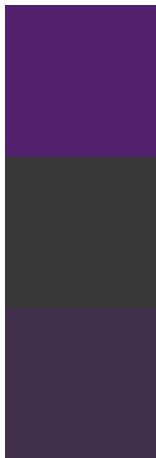
Original Color
52226E

Protanomaly
1E3073

Deuteranomaly
1E326A

Tritanomaly
4C2D4C

Monochromacy



Original Color
52226E

Achromatopsia
393939

Achromatomaly
42314C

CSS Examples

Text

The CSS property to change the color of the text to Hex 52226E 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 #52226E looks like.

```
.text, #text, p{  
    color:#52226E  
}
```

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 #52226E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52226E
}
```

Border

The CSS property to change the border of an element to Hex 52226E 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".

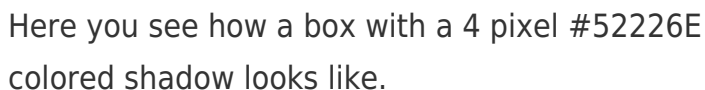
```
.border, #border, table{ border:4px solid
#52226E }
```

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

```
.border{ border-color:#52226E }
```

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

Here you see how a box with a 4 pixel #52226E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52226E; -webkit-box-shadow:4px 4px  
4px 4px #52226E; box-shadow:4px 4px 4px  
4px #52226E }
```

Background

The CSS property to change the background color of an element to Hex 52226E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52226E }
```

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

```
.background{ background-color:#52226E }
```

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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