

Converting Colors

Hex(602E86)

Have a look what the booklet for
Hex(602E86) contains.

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Color

Hex(602E86)

Conversions

Conversions Part 1

Format	Color
Hex	602E86
RGB	96, 46, 134
RGB Percent	38%, 18%, 53%
CMY	0.6235, 0.8196, 0.4745
CMYK	0.28, 0.66, 0.00, 0.47
HSL	274°, 49%, 35%
HSV	274°, 66%, 53%
XYZ	10.1039, 6.1620, 23.2111
YIQ	70.9820, 1.5520, 37.9680

Conversions

Conversions Part 2

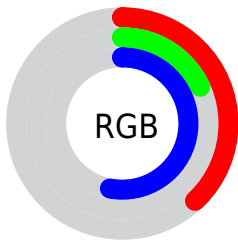
Format	Color
R_{YB}	96, 46, 134
Decimal	6303366
CIE _{Lab}	29.82, 39.37, -40.48
CIE _{LCh}	30, 56.466, 314.203
Yxy	6.1620, 0.2559, 0.1561
Android (android.graphics.Color)	4284493446 (0xFF602E86)
YUV	70.9820, 31.0679, 21.9408
Hunter-Lab	24.8234, 29.2144, -38.0627

Details

The Hex color **602E86** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **54862E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **955FBC**, and **2C0053** is the 20% darker color. If you saturate the color by 10%, you get **5A2186**, and if you desaturate by 10%, it is **663B86**.

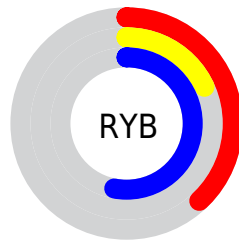
Distribution



Red (38%)

Green (18%)

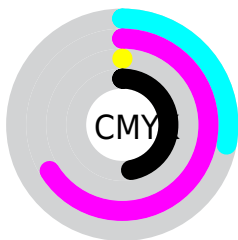
Blue (53%)



Red (38%)

Yellow (18%)

Blue (53%)

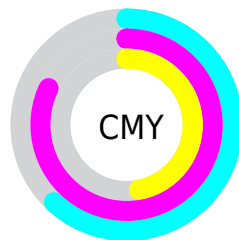


Cyan (28%)

Magenta (66%)

Yellow (0%)

Black (47%)



Cyan (62%)

Magenta (82%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 602E86 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 602E86 by changing the saturation by 10% instead.

 602E86

 602E86

FFFFFF

 46156C

 955FBC

 2C0053

 B179D8

 19003C

 CD93F5

 000225

 EAAEFF

 00010D

 FFCAFF

 000000

 FFE6FF

 602E86

 602E86

 5A2186

 663B86

■ 541386

■ 6C4986

■ 4F0686

■ 715686

■ 4C0086

■ 776486

■ 7D7186

■ 837E86

■ 898C86

■ 8E9986

■ 94A786

Harmonies

Analogous

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



00459D



602E86



87095F

Triad

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



602E86



6A3C00



00585B

Complementary

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



602E86



54862E

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.



00572D



602E86



444B00

Square

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



602E86



852307



005300



005783

Rectangle

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



602E86



900042



005300



00584B

Sweetspot

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



602E86



9E8BAD



2E5486



4E4257



D6D6D6



575757

Same Dimension

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



602E86



7224AD



862E80



3F3C42



4A0082



010003

Inverse Universe

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



862E54



AD2460



2E8634



423C3F



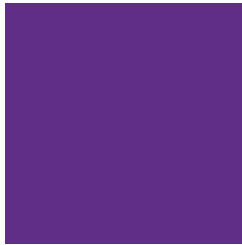
820038



030001

Previews

White Background



This preview shows how the Hex color 602E86 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

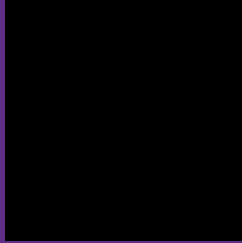
Any Text WCAG AA × Fail

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 602E86 Background



This preview shows how black text looks on a background with the Hex color 602E86.



This preview shows how white text looks on a background with the Hex color 602E86.

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
602E86

Protanopia
004491

Deuteranopia
004880



Tritanopia
554247

Trichromacy



Original Color
602E86



Protanomaly
233C8D



Deuteranomaly
233F82



Tritanomaly
593B5E

Monochromacy



Original Color
602E86



Achromatopsia
474747



Achromatomaly
503E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 602E86 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 #602E86 looks like.

```
.text, #text, p{  
    color:#602E86  
}
```

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 #602E86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #602E86
}
```

Border

The CSS property to change the border of an element to Hex 602E86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

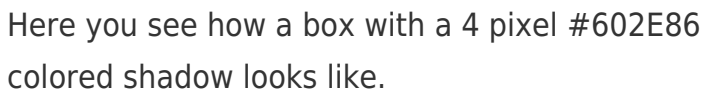
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#602E86 }
```

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

```
.border{ border-color:#602E86 }
```

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



Here you see how a box with a 4 pixel #602E86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #602E86; -webkit-box-shadow:4px 4px  
4px 4px #602E86; box-shadow:4px 4px 4px  
4px #602E86 }
```

Background

The CSS property to change the background color of an element to Hex 602E86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#602E86 }
```

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

```
.background{ background-color:#602E86 }
```

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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