

Converting Colors

Hex(015E9A)

Have a look what the booklet for
Hex(015E9A) contains.

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Color

Hex(015E9A)

Conversions

Conversions Part 1

Format	Color
Hex	015E9A
RGB	1, 94, 154
RGB Percent	0%, 37%, 60%
CMY	0.9961, 0.6314, 0.3961
CMYK	0.99, 0.39, 0.00, 0.40
HSL	204°, 99%, 30%
HSV	204°, 99%, 60%
XYZ	9.8480, 10.3450, 32.0496
YIQ	73.0330, -74.6880, -1.0560

Conversions

Conversions Part 2

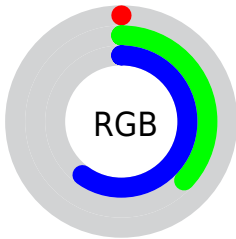
Format	Color
RYB	1, 59, 154
Decimal	89754
CIELab	38.45, 0.12, -39.15
CIELCh	38, 39.154, 270.179
Yxy	10.3450, 0.1885, 0.1980
Android (android.graphics.Color)	4278279834 (0xFF015E9A)
YUV	73.0330, 39.9167, -63.1729
Hunter-Lab	32.1636, -1.6325, -36.5654

Details

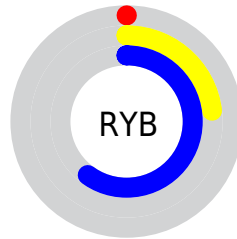
The Hex color **015E9A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9A3D01**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5590D1**, and **003166** is the 20% darker color. If you saturate the color by 10%, you get **005E9A**, and if you desaturate by 10%, it is **10649A**.

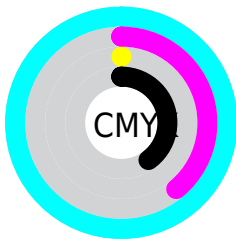
Distribution



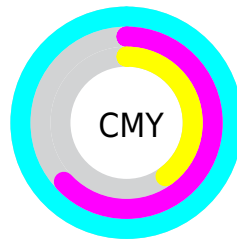
- Red (0%)
- Green (37%)
- Blue (60%)



- Red (0%)
- Yellow (23%)
- Blue (60%)



- Cyan (99%)
- Magenta (39%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 015E9A 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 015E9A by changing the saturation by 10% instead.

015E9A

015E9A

FFFFFF

004780

5590D1

003166

72AAED

001D4E

8FC6FF

000537

ACE1FF

000220

C9FEFF

000005

E7FFFF

000000

015E9A

015E9A

005E9A

10649A

■ 206A9A

■ 2F709A

■ 3F769A

■ 4E7C9A

■ 5D829A

■ 6D889A

■ 7C8E9A

■ 8C949A

Harmonies

Analogous

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



006691



015E9A



5B5292

Triad

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



015E9A



93413C



1D6739

Complementary

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



015E9A



9A3D01

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.



4B6220



015E9A



844D23

Square

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



015E9A



933D5C



6B5916



006A5A

Rectangle

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



015E9A



774984



6B5916



306630

Sweetspot

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



015E9A



8DB2C9



019A3C



415866



E6E6E6



666666

Same Dimension

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



015E9A



007AC9



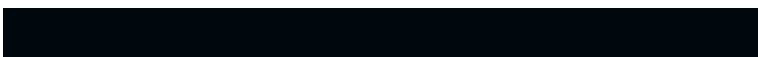
01139A



454A4D



00558C



00080D

Inverse Universe

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



9A015E



C9007A



9A8801



4D454A



8C0055



0D0008

Previews

White Background



This preview shows how the Hex color 015E9A looks on a white background.

Color Contrast Check

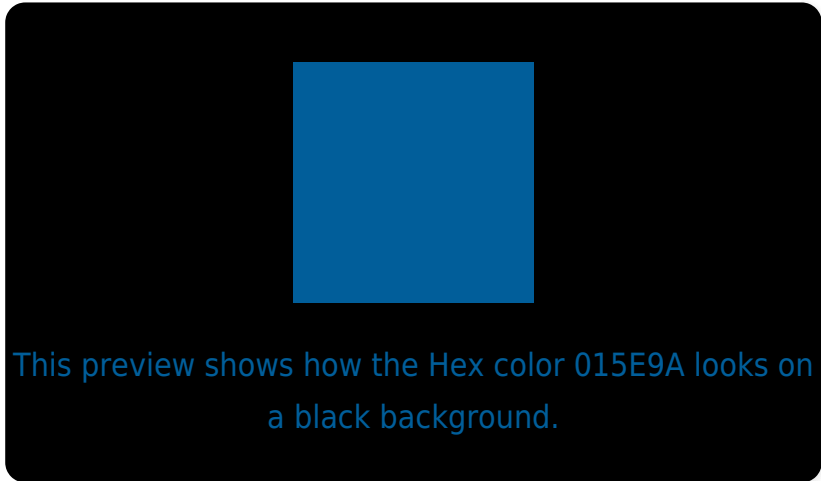
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

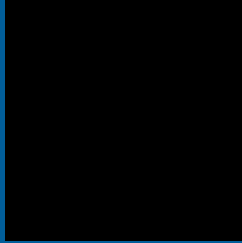
Any Text WCAG AA × Fail

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 015E9A Background



This preview shows how black text looks on a background with the Hex color 015E9A.



This preview shows how white text looks on a background with the Hex color 015E9A.

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](#).

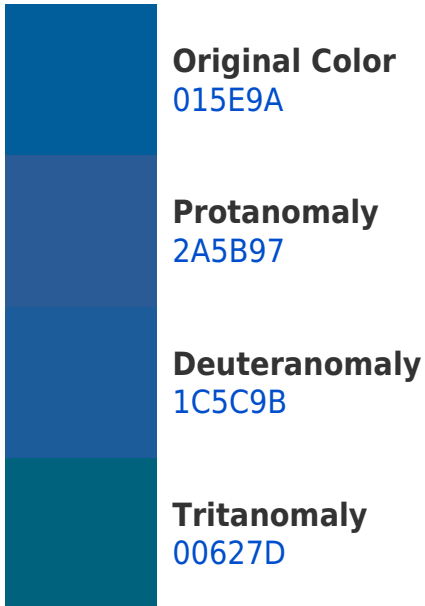
Dichromacy





Tritanopia
00656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 015E9A 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 #015E9A looks like.

```
.text, #text, p{  
    color:#015E9A  
}
```

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 #015E9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #015E9A
}
```

Border

The CSS property to change the border of an element to Hex 015E9A 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
#015E9A }
```

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

```
.border{ border-color:#015E9A }
```

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

Here you see how a box with a 4 pixel #015E9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #015E9A; -webkit-box-shadow:4px 4px  
4px 4px #015E9A; box-shadow:4px 4px 4px  
4px #015E9A }
```

Background

The CSS property to change the background color of an element to Hex 015E9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#015E9A }
```

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

```
.background{ background-color:#015E9A }
```

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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