

Converting Colors

Hex(24459E)

Have a look what the booklet for
Hex(24459E) contains.

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Color

Hex(24459E)

Conversions

Conversions Part 1

Format	Color
Hex	24459E
RGB	36, 69, 158
RGB Percent	14%, 27%, 62%
CMY	0.8588, 0.7294, 0.3804
CMYK	0.77, 0.56, 0.00, 0.38
HSL	224°, 63%, 38%
HSV	224°, 77%, 62%
XYZ	9.0272, 7.0999, 33.2424
YIQ	69.2790, -48.2370, 20.6830

Conversions

Conversions Part 2

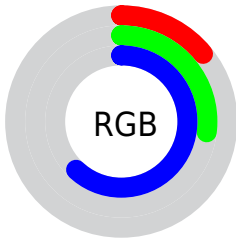
Format	Color
R_{YB}	36, 62, 158
Decimal	2377118
CIE _{Lab}	32.03, 21.09, -51.85
CIE _{LCh}	32, 55.978, 292.128
Yxy	7.0999, 0.1829, 0.1438
Android (android.graphics.Color)	4280567198 (0xFF24459E)
YUV	69.2790, 43.7395, -29.1857
Hunter-Lab	26.6457, 13.8436, -55.3165

Details

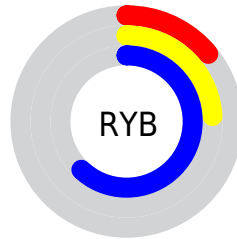
The Hex color **24459E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9E7D24**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6475D5**, and **001B6A** is the 20% darker color. If you saturate the color by 10%, you get **14399E**, and if you desaturate by 10%, it is **34519E**.

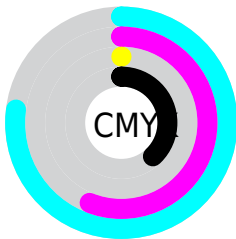
Distribution



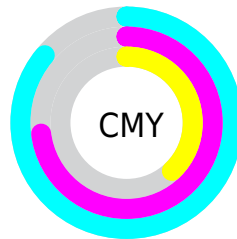
- Red (14%)
- Green (27%)
- Blue (62%)



- Red (14%)
- Yellow (24%)
- Blue (62%)



- Cyan (77%)
- Magenta (56%)
- Yellow (0%)
- Black (38%)



- Cyan (86%)
- Magenta (73%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24459E 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 24459E by changing the saturation by 10% instead.

■ 24459E

■ 24459E

FFFFFF

■ 002F83

■ 6475D5

■ 001B6A

■ 818EF2

■ 000151

■ 9DA9FF

■ 000539

■ BAC4FF

■ 000222

■ D8E0FF

■ 000009

■ F5FCFF

■ 000000

■ 24459E

■ 24459E

■ 14399E

■ 34519E

■ 042E9E

■ 445C9E

■ 002B9E

■ 53689E

■ 63739E

■ 737F9E

■ 838A9E

■ 93969E

■ A2A19E

■ B2AD9E

Harmonies

Analogous

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



0054A4



24459E



732C82

Triad

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



24459E



853000



005D3E

Complementary

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



24459E



9E7D24

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.



005A0C



24459E



674500

Square

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



24459E



95132D



3E5300



005E6B

Rectangle

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



24459E



8B1867



3E5300



005C2E

Sweetspot

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



24459E



9FACCF



249E7B



4B5369



E8E8E8



696969

Same Dimension

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



24459E



0E42CF



3E249E



47494F



00278F



00040F

Inverse Universe

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



9E2445



CF0E42



849E24



4F4749



8F0027



0F0004

Previews

White Background



This preview shows how the Hex color 24459E looks on a white background.

Color Contrast Check

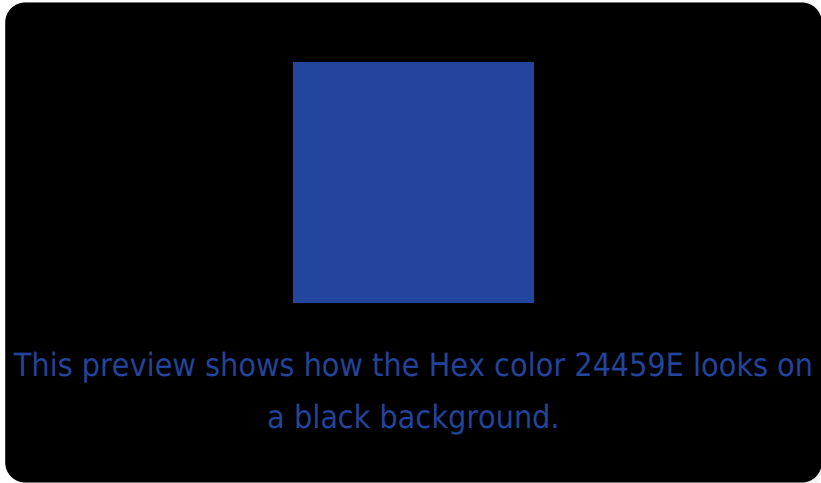
Large Text (above 18pt) WCAG AA ✓ Pass

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

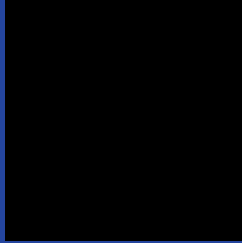
Any Text WCAG AA × Fail

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 24459E Background



This preview shows how black text looks on a background with the Hex color 24459E.

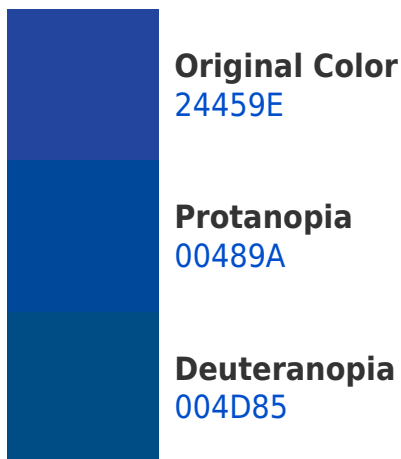


This preview shows how white text looks on a background with the Hex color 24459E.

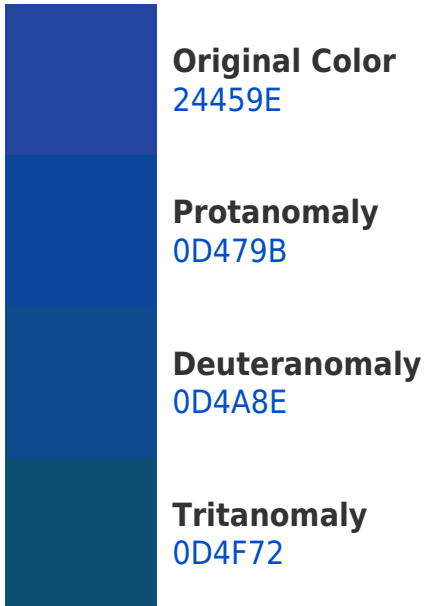
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24459E 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 #24459E looks like.

```
.text, #text, p{  
    color:#24459E  
}
```

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 #24459E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24459E
}
```

Border

The CSS property to change the border of an element to Hex 24459E 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
#24459E }
```

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

```
.border{ border-color:#24459E }
```

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

Here you see how a box with a 4 pixel #24459E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24459E; -webkit-box-shadow:4px 4px  
4px 4px #24459E; box-shadow:4px 4px 4px  
4px #24459E }
```

Background

The CSS property to change the background color of an element to Hex 24459E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24459E }
```

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

```
.background{ background-color:#24459E }
```

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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