

Converting Colors

Hex(24649F)

Have a look what the booklet for
Hex(24649F) contains.

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Color

Hex(24649F)

Conversions

Conversions Part 1

Format	Color
Hex	24649F
RGB	36, 100, 159
RGB Percent	14%, 39%, 62%
CMY	0.8588, 0.6078, 0.3765
CMYK	0.77, 0.37, 0.00, 0.38
HSL	209°, 63%, 38%
HSV	209°, 77%, 62%
XYZ	11.5427, 11.9926, 34.5073
YIQ	87.5900, -57.0830, 4.7810

Conversions

Conversions Part 2

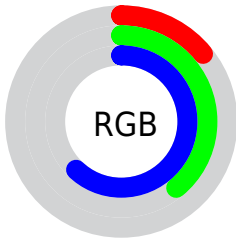
Format	Color
R_{YB}	36, 78, 159
Decimal	2385055
CIE _{Lab}	41.20, 1.03, -37.73
CIE _{LCh}	41, 37.744, 271.571
Yxy	11.9926, 0.1989, 0.2066
Android (android.graphics.Color)	4280575135 (0xFF24649F)
YUV	87.5900, 35.2051, -45.2444
Hunter-Lab	34.6304, -1.1068, -34.8381

Details

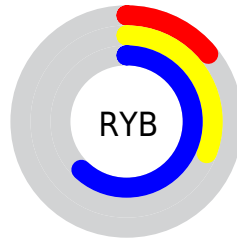
The Hex color **24649F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F5F24**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6396D6**, and **00366B** is the 20% darker color. If you saturate the color by 10%, you get **145C9F**, and if you desaturate by 10%, it is **346C9F**.

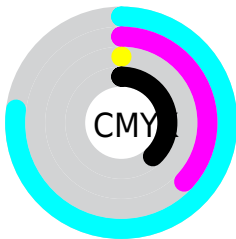
Distribution



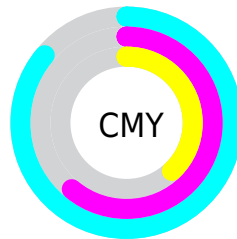
- Red (14%)
- Green (39%)
- Blue (62%)



- Red (14%)
- Yellow (31%)
- Blue (62%)



- Cyan (77%)
- Magenta (37%)
- Yellow (0%)
- Black (38%)



- Cyan (86%)
- Magenta (61%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24649F 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 24649F by changing the saturation by 10% instead.

■ 24649F

■ 24649F

FFFFFF

■ 004C85

■ 6396D6

■ 00366B

■ 80B1F3

■ 002152

■ 9CCCCFF

■ 00093B

■ B9E9FF

■ 000225

■ D6FFFF

■ 00010D

■ F4FFFF

■ 000000

■ 24649F

■ 24649F

■ 145C9F

■ 346C9F

■ 04559F

■ 44739F

■ 00539F

■ 547B9F

■ 64839F

■ 738A9F

■ 83929F

■ 93999F

■ A3A19F

■ B3A99F

Harmonies

Analogous

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



006C97



24649F



655896

Triad

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



24649F



984A42



266E42

Complementary

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



24649F



9F5F24

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.



51692A



24649F



8A552B

Square

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



24649F



994661



716020



007062

Rectangle

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



24649F



7F5088



716020



376D39

Sweetspot

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



24649F



9FB8CF



249F5D



4B5B69



E8E8E8



696969

Same Dimension

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



24649F



0E72CF



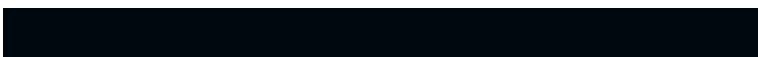
24289F



474B4F



004A8F



00080F

Inverse Universe

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



9F2464



CF0E72



9F9B24



4F474B



8F004A



0F0008

Previews

White Background



This preview shows how the Hex color 24649F looks on a white background.

Color Contrast Check

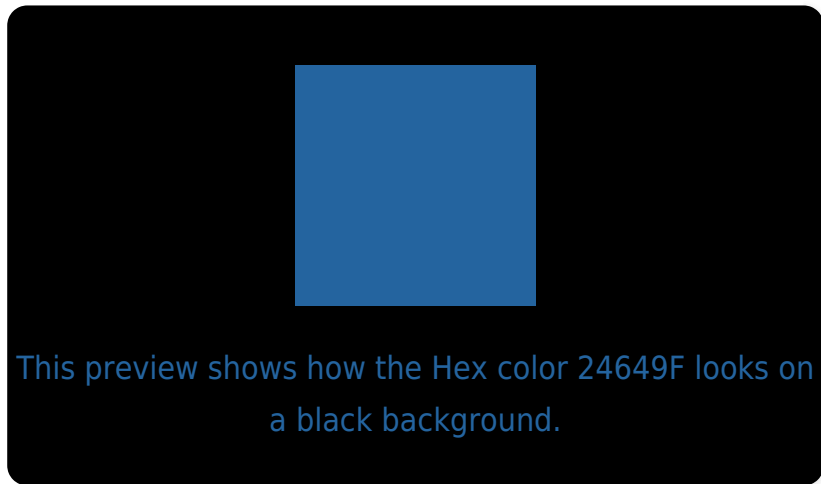
Large Text (above 18pt) WCAG AA ✓ Pass

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 24649F Background



This preview shows how black text looks on a background with the Hex color 24649F.

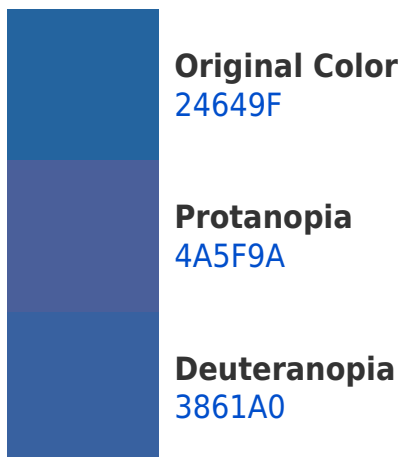


This preview shows how white text looks on a background with the Hex color 24649F.

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](#).

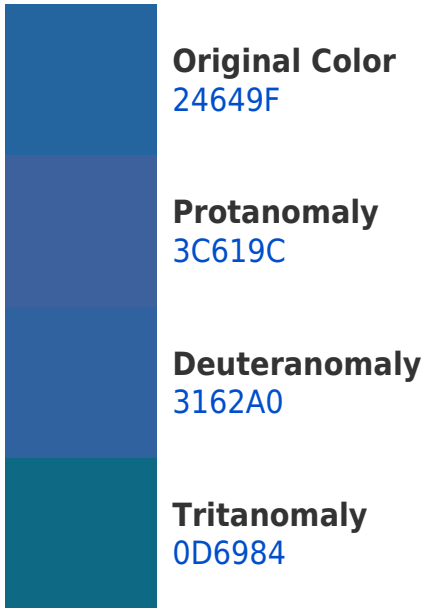
Dichromacy



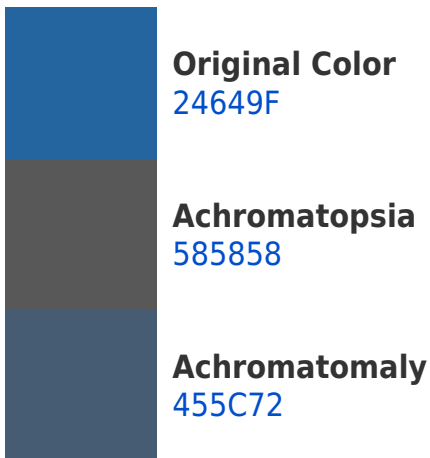


Tritanopia
006C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24649F 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 #24649F looks like.

```
.text, #text, p{  
    color:#24649F  
}
```

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 #24649F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24649F
}
```

Border

The CSS property to change the border of an element to Hex 24649F is called "border". The border property can be set on classes, ids or directly on the HTML element.

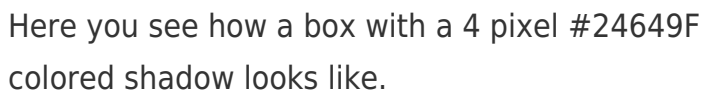
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24649F }
```

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

```
.border{ border-color:#24649F }
```

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



Here you see how a box with a 4 pixel #24649F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24649F; -webkit-box-shadow:4px 4px  
4px 4px #24649F; box-shadow:4px 4px 4px  
4px #24649F }
```

Background

The CSS property to change the background color of an element to Hex 24649F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24649F }
```

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

```
.background{ background-color:#24649F }
```

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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