

# Converting Colors

Hex(24943F)

Have a look what the booklet for  
Hex(24943F) contains.

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# Color

Hex(24943F)

# Conversions

## Conversions Part 1

Format	Color
Hex	24943F
RGB	36, 148, 63
RGB Percent	14%, 58%, 25%
CMY	0.8588, 0.4196, 0.7529
CMYK	0.76, 0.00, 0.57, 0.42
HSL	134°, 61%, 36%
HSV	134°, 76%, 58%
XYZ	12.2147, 21.9138, 8.2886
YIQ	104.8220, -39.4670, -50.1790

# Conversions

## Conversions Part 2

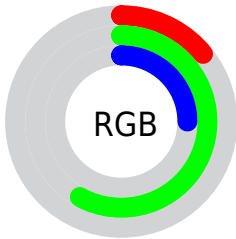
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 126, 148
Decimal	2397247
CIE <sub>Lab</sub>	53.94, -49.13, 35.82
CIE <sub>LCh</sub>	54, 60.796, 143.906
Yxy	21.9138, 0.2880, 0.5166
Android (android.graphics.Color)	4280587327 (0xFF24943F)
YUV	104.8220, -20.6182, -60.3569
Hunter-Lab	46.8121, -35.3453, 22.2705

# Details

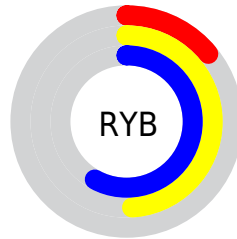
The Hex color **24943F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **942479**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **63CB71**, and **00600D** is the 20% darker color. If you saturate the color by 10%, you get **159434**, and if you desaturate by 10%, it is **33944A**.

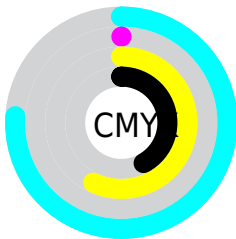
# Distribution



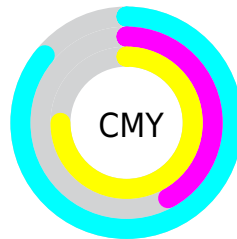
- Red (14%)
- Green (58%)
- Blue (25%)



- Red (14%)
- Yellow (49%)
- Blue (58%)



- Cyan (76%)
- Magenta (0%)
- Yellow (57%)
- Black (42%)



- Cyan (86%)
- Magenta (42%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24943F 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 24943F by changing the saturation by 10% instead.



 24943F

 24943F

FFFFFF

 007A27

 63CB71

 00600D

 80E88B

 004700

 9CFFA6

 003000

 B9FFC2

 001600

 D6FFDE

 000000

 F4FFFB

 24943F

 24943F

 159434

 33944A

■ 069429

■ 429455

■ 009424

■ 509461

■ 5F946C

■ 6E9477

■ 7D9482

■ 8C948E

■ 9A9499

■ A994A4

# Harmonies

## Analogous

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



728B0C



24943F



009974

# Triad

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



24943F



008AEA



DD505A

# Complementary

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



24943F



942479

# 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.



D94D8E



24943F



6B78E1

# Square

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



24943F



0095D5



B65FBF



C9652B

# Rectangle

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



24943F



009999



B65FBF



DF4C6B



# Sweetspot

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



24943F



93BF9E



7A9424



46614C



E0E0E0



616161



# Same Dimension

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



24943F



11BF3B



249476



434A44



008A21



000A02



# Inverse Universe

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



942479



BF1195



942442



4A4348



8A0069



0A0008



# Previews

## White Background



This preview shows how the Hex color 24943F looks on a white background.

## Color Contrast Check

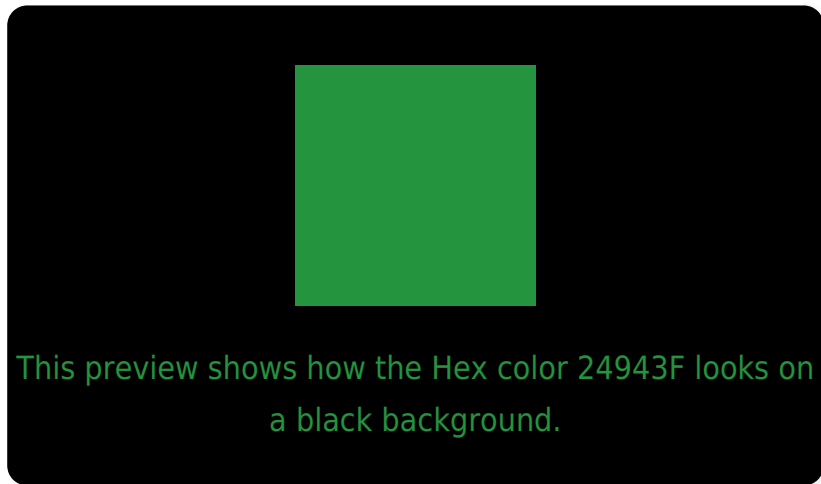
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 24943F Background



This preview shows how black text looks on a background with the Hex color 24943F.



This preview shows how white text looks on a background with the Hex color 24943F.

# 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](#).

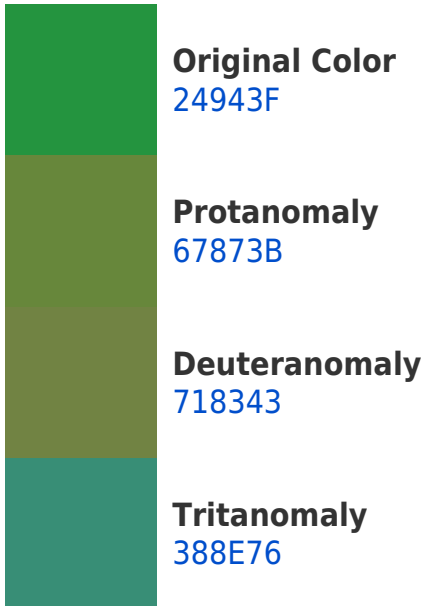
## Dichromacy



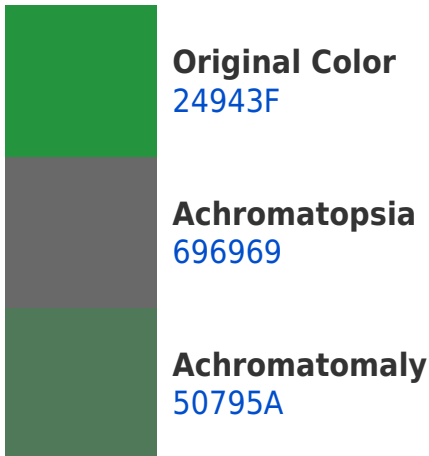


**Tritanopia**  
438B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24943F 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 #24943F looks like.

```
.text, #text, p{  
    color:#24943F  
}
```

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 #24943F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24943F
}
```

## Border

The CSS property to change the border of an element to Hex 24943F 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
#24943F }
```

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

```
.border{ border-color:#24943F }
```

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

Here you see how a box with a 4 pixel #24943F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24943F; -webkit-box-shadow:4px 4px  
4px 4px #24943F; box-shadow:4px 4px 4px  
4px #24943F }
```

# Background

The CSS property to change the background color of an element to Hex 24943F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24943F }
```

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

```
.background{ background-color:#24943F }
```

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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