

# Converting Colors

Hex(24EA69)

Have a look what the booklet for  
Hex(24EA69) contains.

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# **Color**

**Hex(24EA69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24EA69
RGB	36, 234, 105
RGB Percent	14%, 92%, 41%
CMY	0.8588, 0.0824, 0.5882
CMYK	0.85, 0.00, 0.55, 0.08
HSL	141°, 82%, 53%
HSV	141°, 85%, 92%
XYZ	32.7002, 60.2406, 23.2687
YIQ	160.0920, -76.5990, -82.0950

# Conversions

## Conversions Part 2

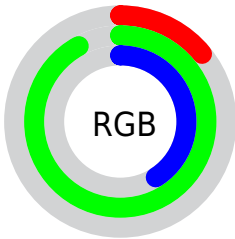
Format	Color
<a href="#">RYB</a>	<a href="#">36, 183, 234</a>
Decimal	<a href="#">2419305</a>
CIELab	<a href="#">81.97, -71.93, 49.34</a>
CIELCh	<a href="#">82, 87.221, 145.551</a>
Yxy	<a href="#">60.2406, 0.2814, 0.5184</a>
Android (android.graphics.Color)	<a href="#">4280609385</a> ( <a href="#">0xFF24EA69</a> )
YUV	<a href="#">160.0920, -27.1604, -108.8287</a>
Hunter-Lab	<a href="#">77.6148, -60.6215, 36.5554</a>

# Details

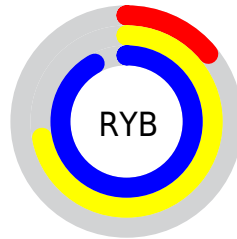
The Hex color **24EA69** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **EA24A5**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **77FF9F**, and **00B134** is the 20% darker color. If you saturate the color by 10%, you get **0DEA5A**, and if you desaturate by 10%, it is **3BEA78**.

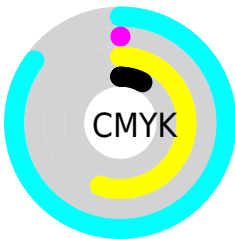
# Distribution



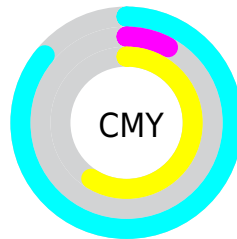
- Red (14%)
- Green (92%)
- Blue (41%)



- Red (14%)
- Yellow (72%)
- Blue (92%)



- Cyan (85%)
- Magenta (0%)
- Yellow (55%)
- Black (8%)



- Cyan (86%)
- Magenta (8%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24EA69 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 24EA69 by changing the saturation by 10% instead.



 24EA69

 24EA69

FFFFFF

 00CD4F

 77FF9F

 00B134

 98FFBB

 009517

 B8FFD7

 007A00

 D7FFF4

 005F00

 F7FFFF

 004600

 002D00

 000D00

 000000

■ 24EA69

■ 24EA69

■ 0DEA5A

■ 3BEA78

■ 00EA52

■ 53EA87

■ 6AEA97

■ 82EAA6

■ 99EAB5

■ B0EAC4

■ C8EAD4

■ DFEAE3

■ F7EAF2

# Harmonies

## Analogous

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



AFDC14



24EA69



00F1BD

# Triad

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



24EA69



00D9FF



FF808A

# Complementary

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



24EA69



EA24A5

# 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.



FF78DC



24EA69



B1BBFF

# Square

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



24EA69



00EAFF



FF95FF



FFA241

# Rectangle

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



24EA69



00F2F5



FF95FF



FF79A5

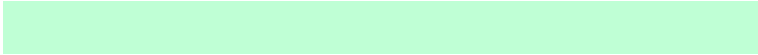


# Sweetspot

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



24EA69



BFFFD5



A8EA24



598067



000000



808080



# Same Dimension

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



24EA69



00FF59



24EAC9



6A756E



00B53F



003613



# Inverse Universe

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



EA24A5



FF00A6



EA2445



756A71



B50076

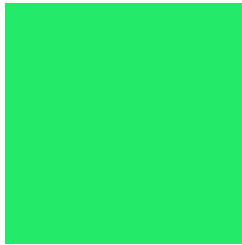


360023



# Previews

## White Background



This preview shows how the Hex color 24EA69 looks on a white 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

# Black Background



This preview shows how the Hex color 24EA69 looks on a 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 ✓ Pass

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



## Hex 24EA69 Background



This preview shows how black text looks on a background with the Hex color 24EA69.

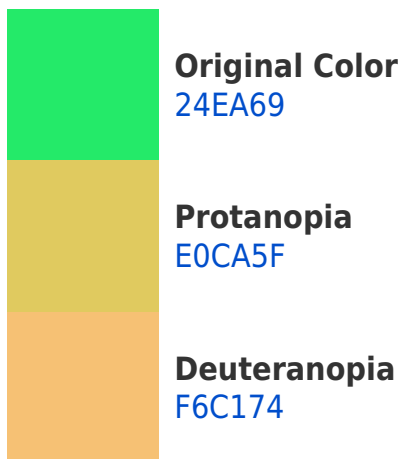


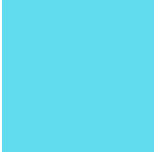
This preview shows how white text looks on a background with the Hex color 24EA69.

# 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](#).

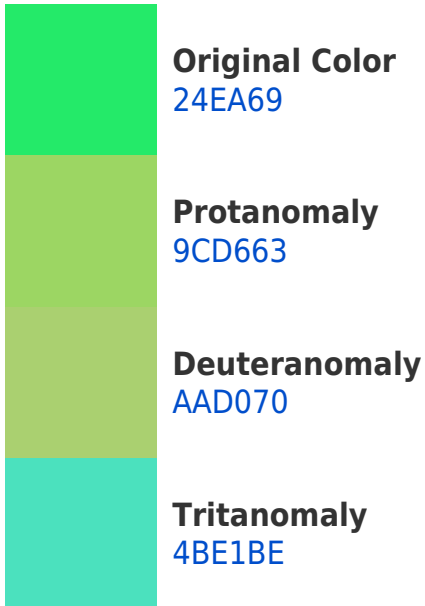
## Dichromacy



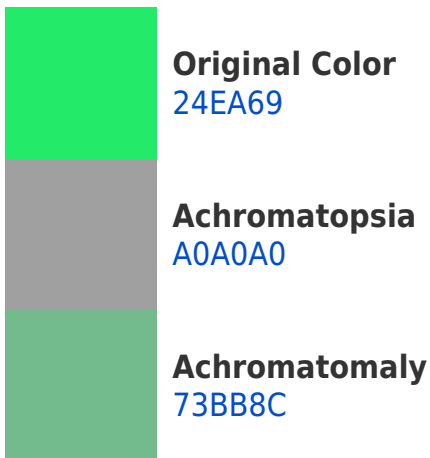


**Tritanopia**  
61DCEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24EA69 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 #24EA69 looks like.

```
.text, #text, p{  
    color:#24EA69  
}
```

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 #24EA69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24EA69
}
```

## Border

The CSS property to change the border of an element to Hex 24EA69 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
#24EA69 }
```

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

```
.border{ border-color:#24EA69 }
```

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

Here you see how a box with a 4 pixel #24EA69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24EA69; -webkit-box-shadow:4px 4px  
4px 4px #24EA69; box-shadow:4px 4px 4px  
4px #24EA69 }
```

# Background

The CSS property to change the background color of an element to Hex 24EA69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24EA69 }
```

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

```
.background{ background-color:#24EA69 }
```

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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