

Converting Colors

Hex(5EA24F)

Have a look what the booklet for
Hex(5EA24F) contains.

Hex(5EA24F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5EA24F)

Conversions

Conversions Part 1

Format	Color
Hex	5EA24F
RGB	94, 162, 79
RGB Percent	37%, 64%, 31%
CMY	0.6314, 0.3647, 0.6902
CMYK	0.42, 0.00, 0.51, 0.36
HSL	109°, 34%, 47%
HSV	109°, 51%, 64%
XYZ	18.9477, 28.7849, 11.9545
YIQ	132.2060, -13.8850, -40.2290

Conversions

Conversions Part 2

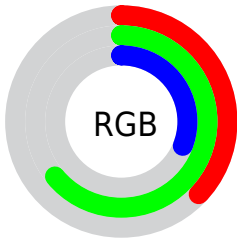
Format	Color
RYB	79, 162, 147
Decimal	6201935
CIELab	60.59, -38.05, 36.29
CIElCh	61, 52.578, 136.359
Yxy	28.7849, 0.3175, 0.4823
Android (android.graphics.Color)	4284392015 (0xFF5EA24F)
YUV	132.2060, -26.2306, -33.5067
Hunter-Lab	53.6515, -30.8507, 24.3452

Details

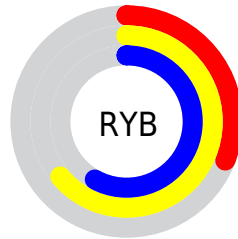
The Hex color **5EA24F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **934FA2**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **94D982**, and **286E1E** is the 20% darker color. If you saturate the color by 10%, you get **51A23F**, and if you desaturate by 10%, it is **6BA25F**.

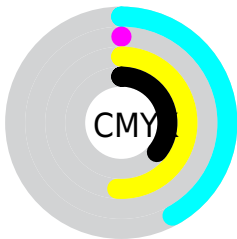
Distribution



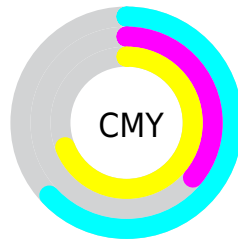
- Red (37%)
- Green (64%)
- Blue (31%)



- Red (31%)
- Yellow (64%)
- Blue (58%)



- Cyan (42%)
- Magenta (0%)
- Yellow (51%)
- Black (36%)



- Cyan (63%)
- Magenta (36%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA24F 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 5EA24F by changing the saturation by 10% instead.



5EA24F



5EA24F

FFFFFF



438737



94D982



286E1E



B0F69D



035503



CCFFB8



003D00



E9FFD4



002800



FFFFFF0



000400



000000



5EA24F



5EA24F



51A23F



6BA25F

 43A22F

 79A26F

 36A21E

 86A280

 29A20E

 93A290

 1DA200

 A0A2A0

 AEA2B0

 BBA2C0

 C8A2D1

 D5A2E1

Harmonies

Analogous

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



939833



5EA24F



00A87B

Triad

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



5EA24F



009DEC



E86A7B

Complementary

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



5EA24F



934FA2

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.



DC6CA9



5EA24F



6E8EEB

Square

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



5EA24F



00A6D4



B57BD3



DC7651

Rectangle

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



5EA24F



00A99B



B57BD3



E7688A

Sweetspot

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



5EA24F



BAD4B4



A2934F



5B6B58



EBEBEB



6B6B6B

Same Dimension

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



5EA24F



6AD453



4FA269



4B5249



1A9100



031200

Inverse Universe

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



934FA2



BC53D4



A24F88



504952



770091



0F0012

Previews

White Background



This preview shows how the Hex color 5EA24F 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 5EA24F Background



This preview shows how black text looks on a background with the Hex color 5EA24F.



This preview shows how white text looks on a background with the Hex color 5EA24F.

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



Original Color
5EA24F

Protanopia
A19249

Deuteranopia
B18B55



Tritanopia
6E99A5

Trichromacy



Original Color
5EA24F



Protanomaly
89984B



Deuteranomaly
939353



Tritanomaly
689C86

Monochromacy



Original Color
5EA24F



Achromatopsia
848484



Achromatomaly
768F71

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA24F 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 #5EA24F looks like.

```
.text, #text, p{  
    color:#5EA24F  
}
```

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 #5EA24F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA24F
}
```

Border

The CSS property to change the border of an element to Hex 5EA24F 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
#5EA24F }
```

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

```
.border{ border-color:#5EA24F }
```

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

Here you see how a box with a 4 pixel #5EA24F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA24F; -webkit-box-shadow:4px 4px  
4px 4px #5EA24F; box-shadow:4px 4px 4px  
4px #5EA24F }
```

Background

The CSS property to change the background color of an element to Hex 5EA24F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA24F }
```

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

```
.background{ background-color:#5EA24F }
```

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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