

Converting Colors

Hex(649FA5)

Have a look what the booklet for
Hex(649FA5) contains.

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Color

Hex(649FA5)

Conversions

Conversions Part 1

Format	Color
Hex	649FA5
RGB	100, 159, 165
RGB Percent	39%, 62%, 65%
CMY	0.6078, 0.3765, 0.3529
CMYK	0.39, 0.04, 0.00, 0.35
HSL	186°, 27%, 52%
HSV	186°, 39%, 65%
XYZ	24.4452, 30.2222, 40.1424
YIQ	142.0430, -37.0900, -10.6420

Conversions

Conversions Part 2

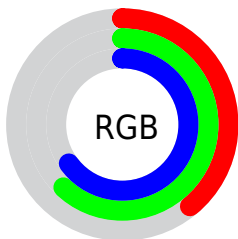
Format	Color
RYB	100, 131, 165
Decimal	6594469
CIELab	61.85, -17.57, -9.19
CIElCh	62, 19.829, 207.621
Yxy	30.2222, 0.2578, 0.3188
Android (android.graphics.Color)	4284784549 (0xFF649FA5)
YUV	142.0430, 11.3178, -36.8717
Hunter-Lab	54.9747, -16.8335, -4.8111

Details

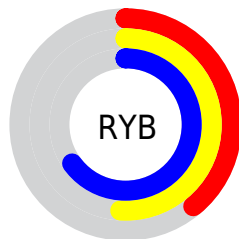
The Hex color **649FA5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A56A64**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9AD6DC**, and **2F6B71** is the 20% darker color. If you saturate the color by 10%, you get **549DA5**, and if you desaturate by 10%, it is **74A1A5**.

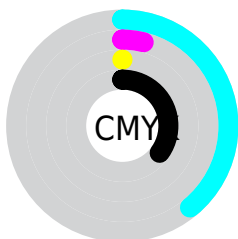
Distribution



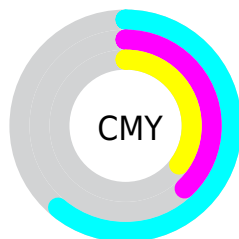
- Red (39%)
- Green (62%)
- Blue (65%)



- Red (39%)
- Yellow (51%)
- Blue (65%)



- Cyan (39%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (61%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649FA5 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 649FA5 by changing the saturation by 10% instead.

649FA5

649FA5

FFFFFF

4A858B

9AD6DC

2F6B71

B6F2F8

105359

D2FFFF

003C41

FFFFFF

00262B

000D17

000000

649FA5

649FA5

549DA5

74A1A5

■ 439CA5

■ 85A2A5

■ 329AA5

■ 95A4A5

■ 2299A5

■ A6A5A5

■ 1197A5

■ B6A7A5

■ 0196A5

■ C7A8A5

■ 0096A5

■ D8AAA5

■ E8ABA5

■ F8ADA5

Harmonies

Analogous

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



6C9F93



649FA5



6B9CB2

Triad

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



649FA5



AB8CA8



A49473

Complementary

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



649FA5



A56A64

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.



B28E78



649FA5



B78997

Square

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



649FA5



9791B4



B98A86



919976

Rectangle

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



649FA5



7799B7



B98A86



A99273

Sweetspot

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



649FA5



BCD4D6



64A569



5C6A6B



EBEBEB



6B6B6B

Same Dimension

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



649FA5



72CDD6



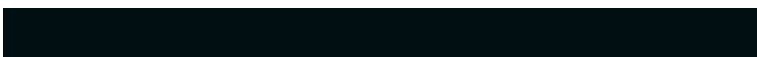
647FA5



495152



008491



001012

Inverse Universe

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



A5649F



D672CD



A58A64



524951



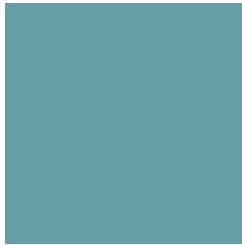
910084



120010

Previews

White Background



This preview shows how the Hex color 649FA5 looks on a white background.

Color Contrast Check

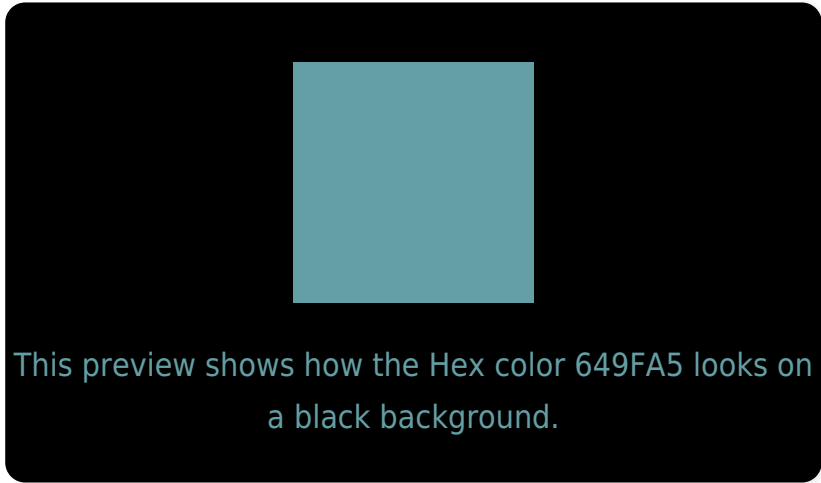
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

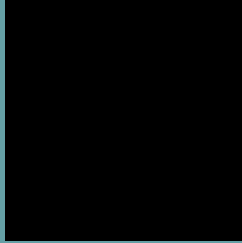
Any Text WCAG AA ✓ Pass

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 649FA5 Background



This preview shows how black text looks on a background with the Hex color 649FA5.

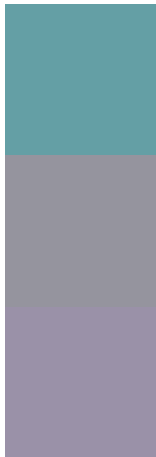


This preview shows how white text looks on a background with the Hex color 649FA5.

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
649FA5

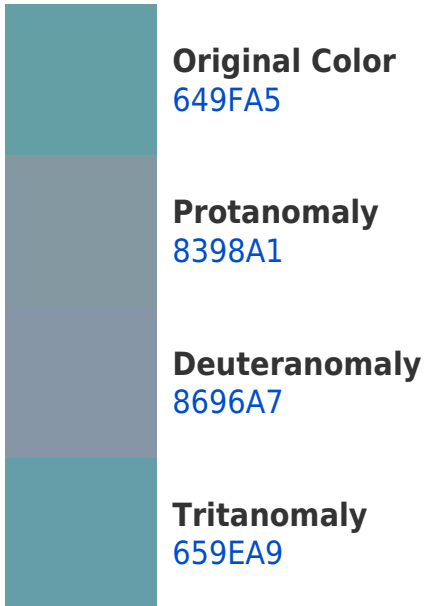
Protanopia
95949E

Deuteranopia
9A91A8



Tritanopia
669EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 649FA5 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 #649FA5 looks like.

```
.text, #text, p{  
    color:#649FA5  
}
```

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 #649FA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649FA5
}
```

Border

The CSS property to change the border of an element to Hex 649FA5 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
#649FA5 }
```

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

```
.border{ border-color:#649FA5 }
```

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

Here you see how a box with a 4 pixel #649FA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649FA5; -webkit-box-shadow:4px 4px  
4px 4px #649FA5; box-shadow:4px 4px 4px  
4px #649FA5 }
```

Background

The CSS property to change the background color of an element to Hex 649FA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649FA5 }
```

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

```
.background{ background-color:#649FA5 }
```

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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