

Converting Colors

Hex(649296)

Have a look what the booklet for
Hex(649296) contains.

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Color

Hex(649296)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 649296 |
| RGB | 100, 146, 150 |
| RGB Percent | 39%, 57%, 59% |
| CMY | 0.6078, 0.4275, 0.4118 |
| CMYK | 0.33, 0.03, 0.00, 0.41 |
| HSL | 185°, 20%, 49% |
| HSV | 185°, 33%, 59% |
| XYZ | 21.0394, 25.4691, 32.6613 |
| YIQ | 132.7020, -28.7000, -8.5080 |

Conversions

Conversions Part 2

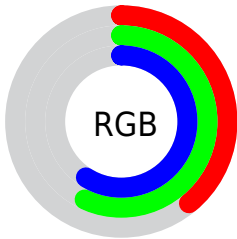
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 100, 124, 150 |
| Decimal | 6591126 |
| CIELab | 57.53, -14.48, -7.11 |
| CIELCh | 58, 16.128, 206.144 |
| Yxy | 25.4691, 0.2658, 0.3217 |
| Android (android.graphics.Color) | 4284781206 (0xFF649296) |
| YUV | 132.7020, 8.5279, -28.6797 |
| Hunter-Lab | 50.4669, -13.9013, -3.0446 |

Details

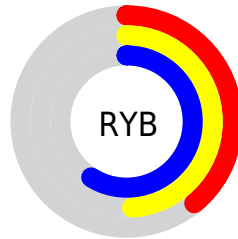
The Hex color `649296` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `966864`, and the grayscale version is `858585`.

A 20% lighter version of the original color is `99C8CC`, and `325F63` is the 20% darker color. If you saturate the color by 10%, you get `559196`, and if you desaturate by 10%, it is `739396`.

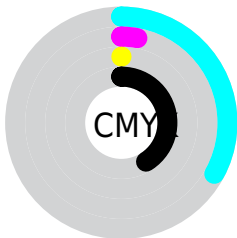
Distribution



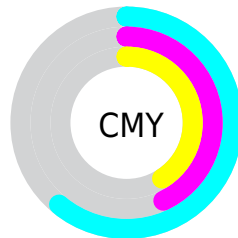
- Red (39%)
- Green (57%)
- Blue (59%)



- Red (39%)
- Yellow (49%)
- Blue (59%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649296 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 649296 by changing the saturation by 10% instead.

649296

649296

FFFFFF

4B787C

99C8CC

325F63

B4E4E8

18484B

D0FFFF

003135

EDFFFF

001D20

000007

000000

649296

649296

559196

739396

469096

829496

378E96

919696

288D96

A09796

198C96

AF9896

0A8B96

BE9996

008A96

CD9A96

DC9C96

EB9D96

Harmonies

Analogous

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



6A9288



649296



6990A1

Triad

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



649296



9B839A



97896E

Complementary

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



649296



966864

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.



A28473



649296



A5808D

Square

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



649296



8A87A3



A8817E



888D71

Rectangle

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



649296



728DA5



A8817E



9B876F

Sweetspot

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



649296



AEC0C2



649667



556061



E0E0E0



616161

Same Dimension

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



649296



74BCC2



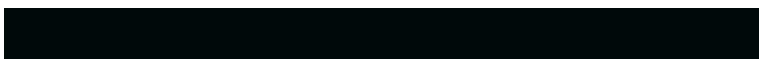
647A96



43494A



007F8A



00090A

Inverse Universe

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



966492



C274BC



968064



4A4349



8A007F



0A0009

Previews

White Background



This preview shows how the Hex color 649296 looks on a white background.

Color Contrast Check

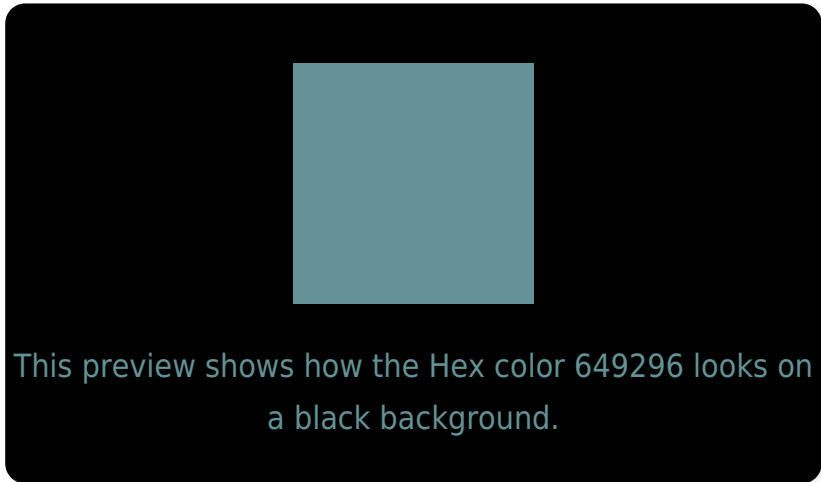
Large Text (above 18pt) WCAG AA ✓ Pass

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

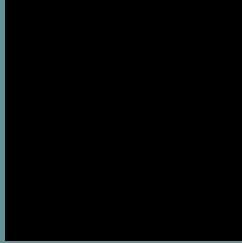
Any Text WCAG AA ✓ Pass

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 649296 Background



This preview shows how black text looks on a background with the Hex color 649296.

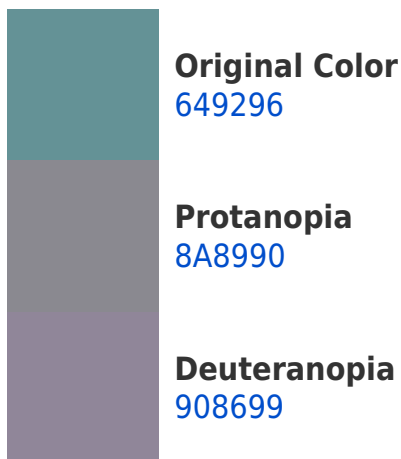



This preview shows how white text looks on a background with the Hex color 649296.

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](#).

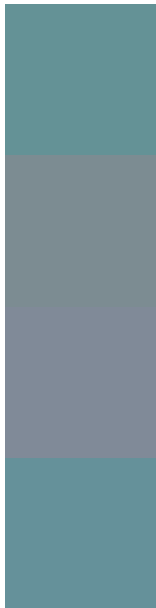
Dichromacy





Tritanopia
66919D

Trichromacy



Original Color
649296

Protanomaly
7C8C92

Deuteranomaly
808A98

Tritanomaly
65919A

Monochromacy



Original Color
649296

Achromatopsia
858585

Achromatomaly
798A8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 649296 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 #649296 looks like.

```
.text, #text, p{  
    color:#649296  
}
```

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 #649296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649296  
}
```

Border

The CSS property to change the border of an element to Hex 649296 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  
#649296 }
```

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

```
.border{ border-color:#649296 }
```

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

Here you see how a box with a 4 pixel #649296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649296; -webkit-box-shadow:4px 4px  
4px 4px #649296; box-shadow:4px 4px 4px  
4px #649296 }
```

Background

The CSS property to change the background color of an element to Hex 649296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649296 }
```

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

```
.background{ background-color:#649296 }
```

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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