

Converting Colors

Hex(6CAEA2)

Have a look what the booklet for
Hex(6CAEA2) contains.

Hex(6CAEA2)	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(6CAEA2)

Conversions

Conversions Part 1

Format	Color
Hex	6CAEA2
RGB	108, 174, 162
RGB Percent	42%, 68%, 64%
CMY	0.5765, 0.3176, 0.3647
CMYK	0.38, 0.00, 0.07, 0.32
HSL	169°, 29%, 55%
HSV	169°, 38%, 68%
XYZ	27.8420, 36.0689, 39.6770
YIQ	152.8980, -35.4840, -17.7240

Conversions

Conversions Part 2

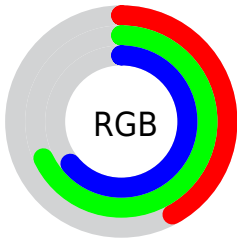
Format	Color
RYB	108, 144, 174
Decimal	7122594
CIELab	66.57, -23.85, -0.49
CIElCh	67, 23.855, 181.169
Yxy	36.0689, 0.2688, 0.3482
Android (android.graphics.Color)	4285312674 (0xFF6CAEA2)
YUV	152.8980, 4.4873, -39.3755
Hunter-Lab	60.0574, -22.3496, 2.8701

Details

The Hex color **6CAEA2** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AE6C78**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A2E6D9**, and **37796E** is the 20% darker color. If you saturate the color by 10%, you get **5BAE9F**, and if you desaturate by 10%, it is **7DAEA5**.

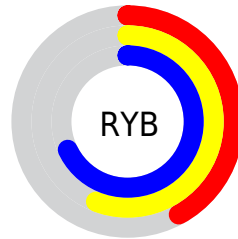
Distribution



Red (42%)

Green (68%)

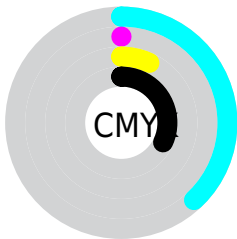
Blue (64%)



Red (42%)

Yellow (56%)

Blue (68%)

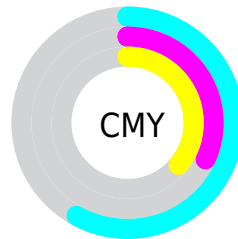


Cyan (38%)

Magenta (0%)

Yellow (7%)

Black (32%)



Cyan (58%)

Magenta (32%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CAEA2 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 6CAEA2 by changing the saturation by 10% instead.



6CAEA2



6CAEA2

FFFFFF



529388



A2E6D9



37796E



BEFFF5



1B6056



DBFFFF



00483F



F8FFFF



003129



001E15



000000



6CAEA2



6CAEA2



5BAE9F



7DAEA5

 49AE9C

 8FAEA8

 38AE99

 A0AEAB

 26AE95

 B2AEAF

 15AE92

 C3AEB2

 04AE8F

 D4AEB5

 00AE8E

 E6AEB8

 F7AEBB

 FFAEBE

Harmonies

Analogous

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



81AC8D



6CAEA2



63ADB7

Triad

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



6CAEA2



A69CC7



C39A7D

Complementary

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



6CAEA2



AE6C78

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.



CD948D



6CAEA2



BE96B7

Square

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



6CAEA2



89A4CC



CC92A2



B1A177

Rectangle

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



6CAEA2



68ABC3



CC92A2



C79781

Sweetspot

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



6CAEA2



CAE3DE



78AE6C



647370



F2F2F2



737373

Same Dimension

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



6CAEA2



7BE3D0



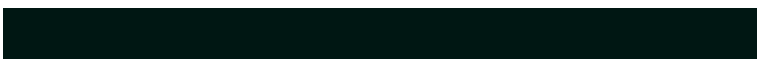
6C99AE



4E5755



00967B



001713

Inverse Universe

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



AE6C78



E37B8E



AE816C



574E50



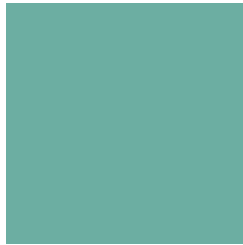
96001B



170004

Previews

White Background



This preview shows how the Hex color 6CAEA2 looks on a white background.

Color Contrast Check

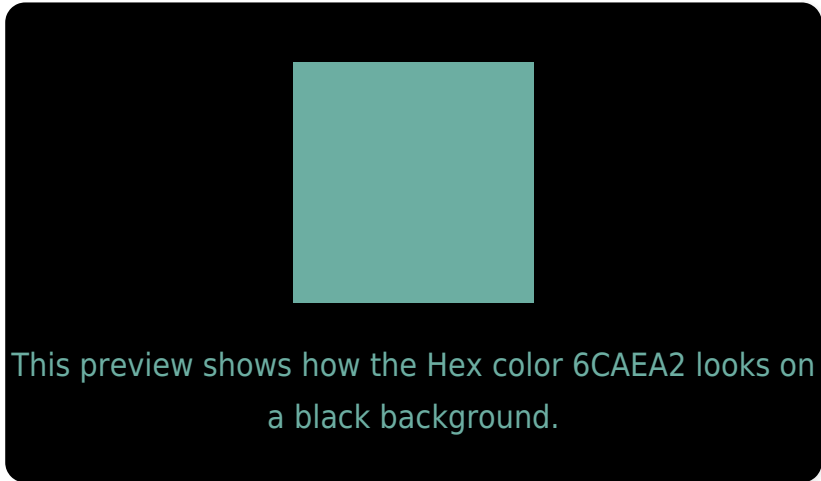
Large Text (above 18pt) WCAG AA × Fail

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

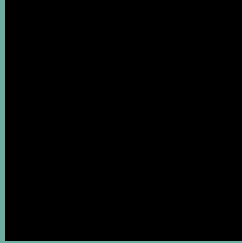
Any Text WCAG AA ✓ Pass

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 6CAEA2 Background



This preview shows how black text looks on a background with the Hex color 6CAEA2.

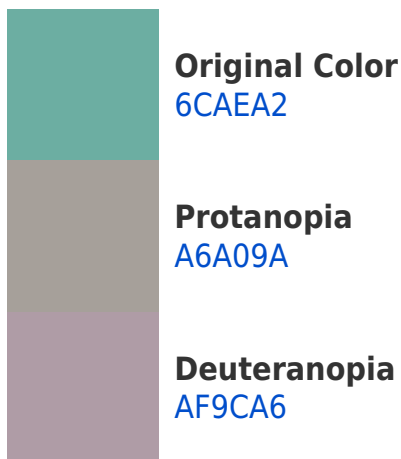


This preview shows how white text looks on a background with the Hex color 6CAEA2.

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](#).

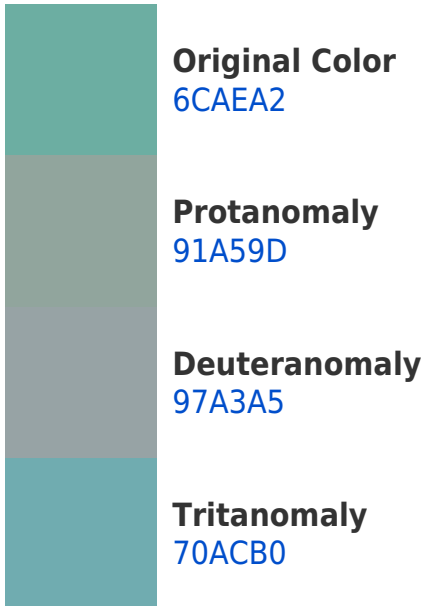
Dichromacy





Tritanopia
72ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CAEA2 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 #6CAEA2 looks like.

```
.text, #text, p{  
    color:#6CAEA2  
}
```

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 #6CAEA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CAEA2
}
```

Border

The CSS property to change the border of an element to Hex 6CAEA2 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
#6CAEA2 }
```

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

```
.border{ border-color:#6CAEA2 }
```

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

Here you see how a box with a 4 pixel #6CAEA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CAEA2; -webkit-box-shadow:4px 4px  
4px 4px #6CAEA2; box-shadow:4px 4px 4px  
4px #6CAEA2 }
```

Background

The CSS property to change the background color of an element to Hex 6CAEA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CAEA2 }
```

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

```
.background{ background-color:#6CAEA2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor