

Converting Colors

Hex(2791AC)

Have a look what the booklet for
Hex(2791AC) contains.

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Color

Hex(2791AC)

Conversions

Conversions Part 1

Format	Color
Hex	2791AC
RGB	39, 145, 172
RGB Percent	15%, 57%, 67%
CMY	0.8471, 0.4314, 0.3255
CMYK	0.77, 0.16, 0.00, 0.33
HSL	192°, 63%, 41%
HSV	192°, 77%, 67%
XYZ	18.4085, 23.6607, 42.6265
YIQ	116.3840, -71.8430, -14.0750

Conversions

Conversions Part 2

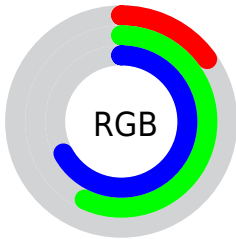
Format	Color
R_{YB}	39, 98, 172
Decimal	2593196
CIE _{Lab}	55.75, -19.96, -22.61
CIE _{LCh}	56, 30.161, 228.553
Yxy	23.6607, 0.2173, 0.2794
Android (android.graphics.Color)	4280783276 (0xFF2791AC)
YUV	116.3840, 27.4187, -67.8658
Hunter-Lab	48.6423, -17.5712, -17.9078

Details

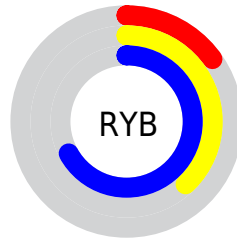
The Hex color **2791AC** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AC4227**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6AC7E3**, and **005E78** is the 20% darker color. If you saturate the color by 10%, you get **168EAC**, and if you desaturate by 10%, it is **3894AC**.

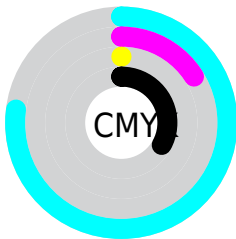
Distribution



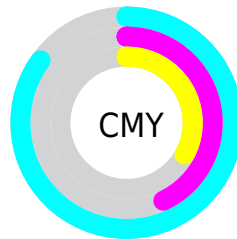
- Red (15%)
- Green (57%)
- Blue (67%)



- Red (15%)
- Yellow (38%)
- Blue (67%)



- Cyan (77%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (85%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2791AC 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 2791AC by changing the saturation by 10% instead.

■ 2791AC

■ 2791AC

FFFFFF

■ 007791

■ 6AC7E3

■ 005E78

■ 87E3FF

■ 00465F

■ A5FFFF

■ 003047

■ C2FFFF

■ 001D30

■ E0FFFF

■ 00011C

FEFFFF

■ 000000

■ 2791AC

■ 2791AC

■ 168EAC

■ 3894AC

058AAC

4998AC

0089AC

5B9BAC

6C9FAC

7DA2AC

8EA6AC

9FA9AC

B1ADAC

C2B0AC

Harmonies

Analogous

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



279495



2791AC



508BB8

Triad

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



2791AC



B27291



878953

Complementary

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



2791AC



AC4227

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.



A08152



2791AC



B97276

Square

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



2791AC



9D79A8



B2785F



698F62

Rectangle

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



2791AC



6D86B9



B2785F



908651

Sweetspot

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



2791AC



ADD6E0



27AC42



516A70



F0F0F0



707070

Same Dimension

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



2791AC



10B6E0



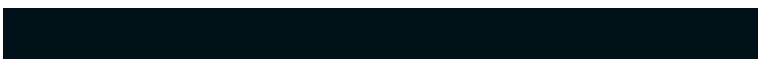
274FAC



4E5557



007896



001217

Inverse Universe

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



AC2791



E010B6



AC8427



574E55



960078



170012

Previews

White Background



This preview shows how the Hex color 2791AC looks on a white background.

Color Contrast Check

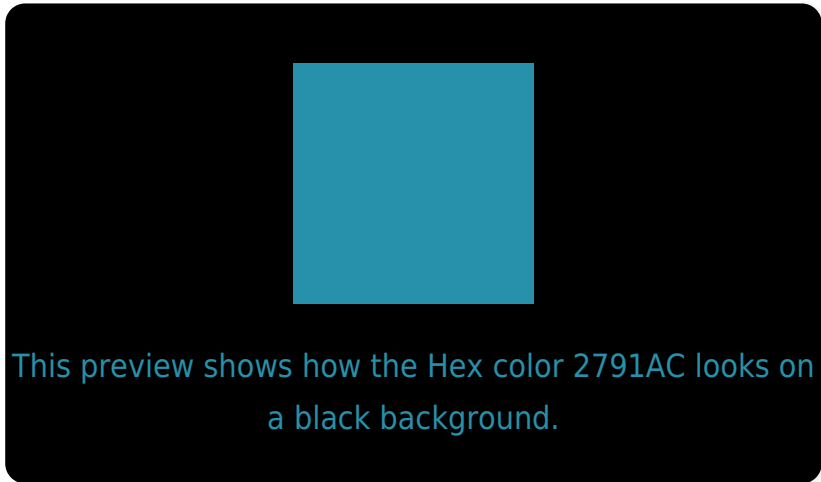
Large Text (above 18pt) WCAG AA ✓ Pass

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

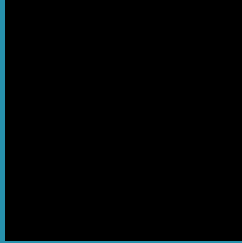
Any Text WCAG AA ✓ Pass

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 2791AC Background



This preview shows how black text looks on a background with the Hex color 2791AC.

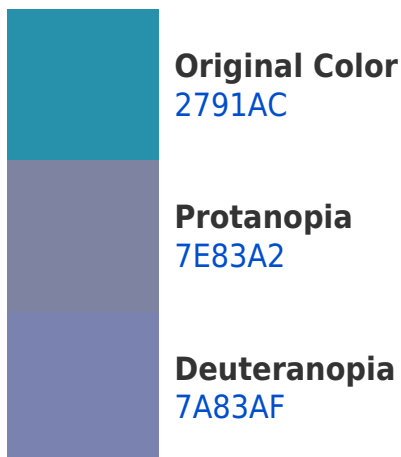


This preview shows how white text looks on a background with the Hex color 2791AC.

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](#).

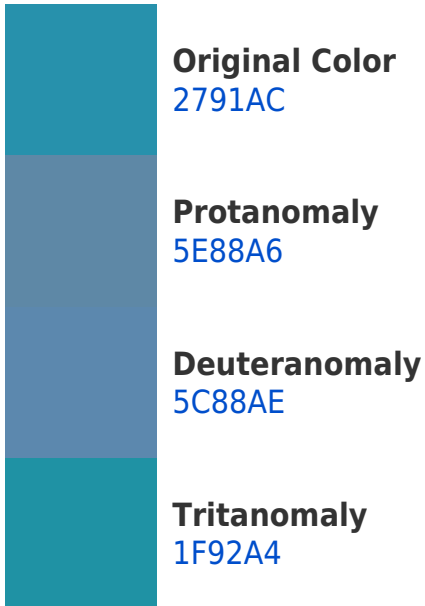
Dichromacy



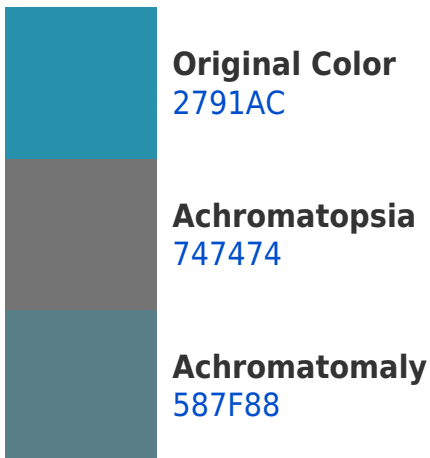


Tritanopia
1A939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2791AC 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 #2791AC looks like.

```
.text, #text, p{  
    color:#2791AC  
}
```

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 #2791AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2791AC
}
```

Border

The CSS property to change the border of an element to Hex 2791AC 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
#2791AC }
```

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

```
.border{ border-color:#2791AC }
```

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

Here you see how a box with a 4 pixel #2791AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2791AC; -webkit-box-shadow:4px 4px  
4px 4px #2791AC; box-shadow:4px 4px 4px  
4px #2791AC }
```

Background

The CSS property to change the background color of an element to Hex 2791AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2791AC }
```

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

```
.background{ background-color:#2791AC }
```

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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