

Converting Colors

Hex(24ACAC)

Have a look what the booklet for
Hex(24ACAC) contains.

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Color

Hex(24ACAC)

Conversions

Conversions Part 1

Format	Color
Hex	24ACAC
RGB	36, 172, 172
RGB Percent	14%, 67%, 67%
CMY	0.8588, 0.3255, 0.3255
CMYK	0.79, 0.00, 0.00, 0.33
HSL	180°, 65%, 41%
HSV	180°, 79%, 67%
XYZ	22.9265, 32.8587, 44.1637
YIQ	131.3360, -81.0560, -28.8320

Conversions

Conversions Part 2

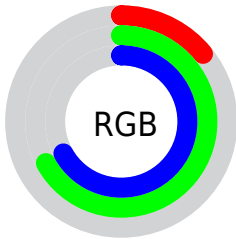
Format	Color
RYB	36, 104, 172
Decimal	2403500
CIELab	64.05, -33.78, -10.04
CIElCh	64, 35.241, 196.545
Yxy	32.8587, 0.2294, 0.3288
Android (android.graphics.Color)	4280593580 (0xFF24ACAC)
YUV	131.3360, 20.0474, -83.6097
Hunter-Lab	57.3225, -28.9222, -5.5539

Details

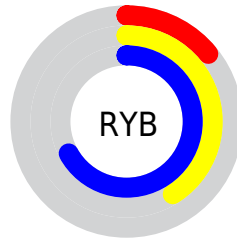
The Hex color **24ACAC** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC2424**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6BE4E3**, and **007778** is the 20% darker color. If you saturate the color by 10%, you get **13ACAC**, and if you desaturate by 10%, it is **35ACAC**.

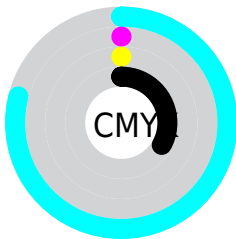
Distribution



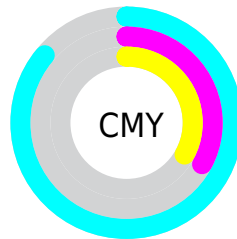
- Red (14%)
- Green (67%)
- Blue (67%)



- Red (14%)
- Yellow (41%)
- Blue (67%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (86%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24ACAC 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 24ACAC by changing the saturation by 10% instead.

 24ACAC

 24ACAC

FFFFFF

 009191

 6BE4E3

 007778

 8AFFFF

 005E5F

 A8FFFF

 004547

 C6FFFF

 002E31

 E4FFFF

 00181C

 000000

 24ACAC

 24ACAC

 13ACAC

 35ACAC

02ACAC

46ACAC

00ACAC

58ACAC

69ACAC

7AACAC

8BACAC

9CACAC

AEACAC

BFACAC

Harmonies

Analogous

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



53AB8C



24ACAC



1BA9C8

Triad

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



24ACAC



B58DC7



BC945E

Complementary

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



24ACAC



AC2424

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.



D18A6F



24ACAC



D084AB

Square

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



24ACAC



8A98D7



D9838B



9F9F5E

Rectangle

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



24ACAC



41A5D4



D9838B



C59162

Sweetspot

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



24ACAC



ABE0E0



24AC24



507070



F0F0F0



707070

Same Dimension

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



24ACAC



0BE0E0



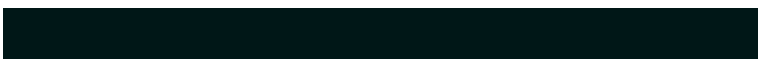
2468AC



4E5757



009696



001717

Inverse Universe

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



AC24AC



E00BE0



AC6824



574E57



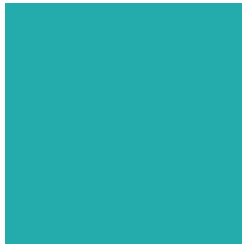
960096



170017

Previews

White Background



This preview shows how the Hex color 24ACAC 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



This preview shows how the Hex color 24ACAC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

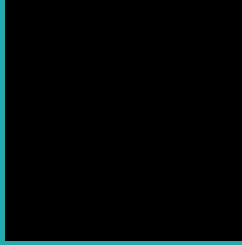
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

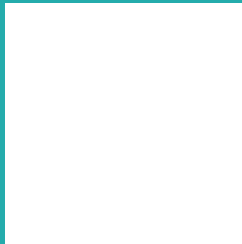
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 24ACAC Background



This preview shows how black text looks on a background with the Hex color 24ACAC.

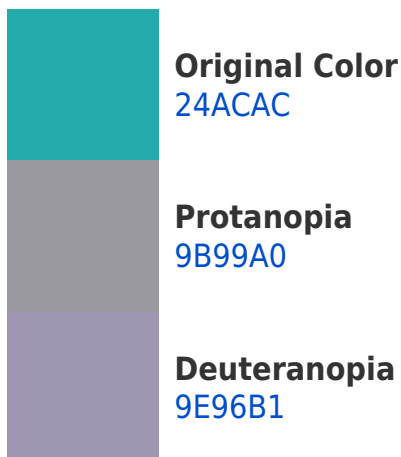


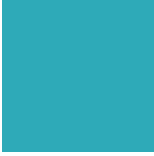
This preview shows how white text looks on a background with the Hex color 24ACAC.

Color Blindness Simulation

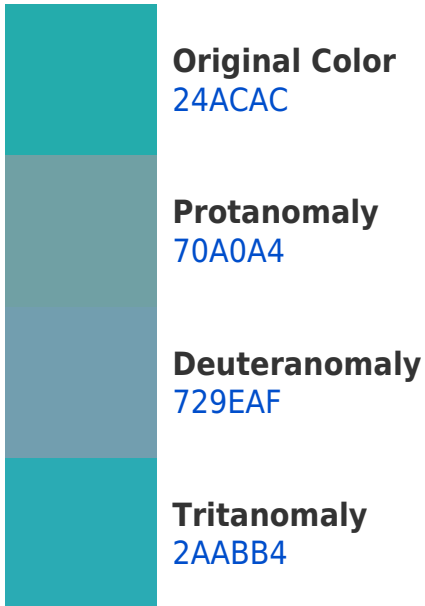
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

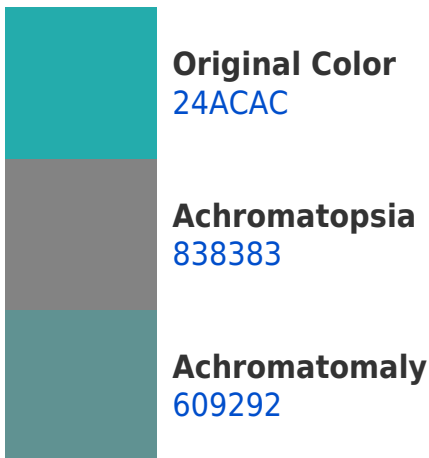




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24ACAC 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 #24ACAC looks like.

```
.text, #text, p{  
    color:#24ACAC  
}
```

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 #24ACAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24ACAC
}
```

Border

The CSS property to change the border of an element to Hex 24ACAC 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
#24ACAC }
```

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

```
.border{ border-color:#24ACAC }
```

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

Here you see how a box with a 4 pixel #24ACAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24ACAC; -webkit-box-shadow:4px 4px  
4px 4px #24ACAC; box-shadow:4px 4px 4px  
4px #24ACAC }
```

Background

The CSS property to change the background color of an element to Hex 24ACAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24ACAC }
```

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

```
.background{ background-color:#24ACAC }
```

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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