

Converting Colors

Hex(24AFB4)

Have a look what the booklet for
Hex(24AFB4) contains.

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Color

Hex(24AFB4)

Conversions

Conversions Part 1

Format	Color
Hex	24AFB4
RGB	36, 175, 180
RGB Percent	14%, 69%, 71%
CMY	0.8588, 0.3137, 0.2941
CMYK	0.80, 0.03, 0.00, 0.29
HSL	182°, 67%, 42%
HSV	182°, 80%, 71%
XYZ	24.2957, 34.3303, 48.5259
YIQ	134.0090, -84.4490, -27.9130

Conversions

Conversions Part 2

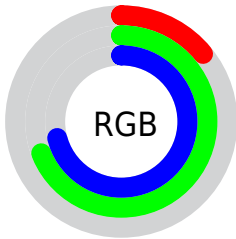
Format	Color
RYB	36, 107, 180
Decimal	2404276
CIELab	65.22, -32.78, -12.73
CIELCh	65, 35.165, 201.219
Yxy	34.3303, 0.2267, 0.3204
Android (android.graphics.Color)	4280594356 (0xFF24AFB4)
YUV	134.0090, 22.6736, -85.9539
Hunter-Lab	58.5921, -28.5194, -8.0895

Details

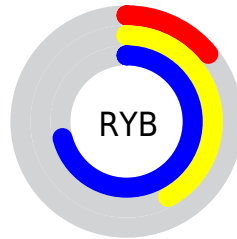
The Hex color **24AFB4** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B42924**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6DE7EC**, and **007A7F** is the 20% darker color. If you saturate the color by 10%, you get **12AEB4**, and if you desaturate by 10%, it is **36B0B4**.

Distribution



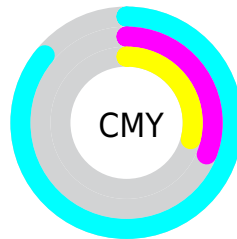
- Red (14%)
- Green (69%)
- Blue (71%)



- Red (14%)
- Yellow (42%)
- Blue (71%)



- Cyan (80%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24AFB4 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 24AFB4 by changing the saturation by 10% instead.



24AFB4



24AFB4

FFFFFF



009499



6DE7EC



007A7F



8BFFFF



006166



AAFFFF



00484E



C8FFFF



003138



E6FFFF



001C22



00000B



000000



24AFB4



24AFB4

■ 12AEB4

■ 36B0B4

■ 00AEB4

■ 48B0B4

■ 5AB1B4

■ 6CB2B4

■ 7EB2B4

■ 90B3B4

■ A2B3B4

■ B4B4B4

■ C6B5B4

Harmonies

Analogous

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



50AF94



24AFB4



2BACCE

Triad

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



24AFB4



BD8EC6



BB9960

Complementary

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



24AFB4



B42924

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.



D28E6E



24AFB4



D587A9

Square

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



24AFB4



959AD9



DC8789



9CA363

Rectangle

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



24AFB4



4EA7D9



DC8789



C49663

Sweetspot

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



24AFB4



B2E9EB



24B429



537475



F5F5F5



757575

Same Dimension

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



24AFB4



09E3EB



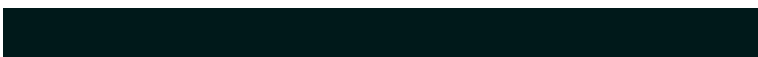
2467B4



505959



009499



00191A

Inverse Universe

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



B424AF



EB09E3



B47124



595059



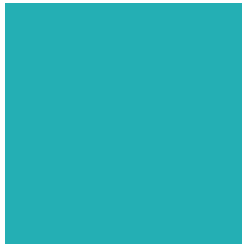
990094



1A0019

Previews

White Background



This preview shows how the Hex color 24AFB4 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 24AFB4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

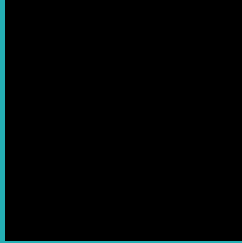
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

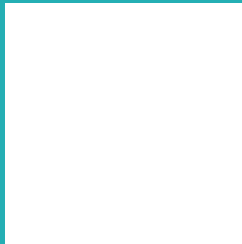
Any Text WCAG AAA ✓ Pass

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

Hex 24AFB4 Background



This preview shows how black text looks on a background with the Hex color 24AFB4.

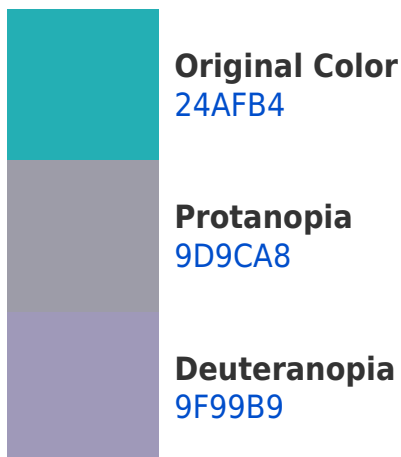


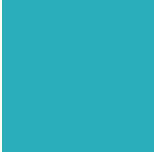
This preview shows how white text looks on a background with the Hex color 24AFB4.

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



Original Color
24AFB4



Protanomaly
71A3AC



Deuteranomaly
72A1B7



Tritanomaly
28AEB9

Monochromacy



Original Color
24AFB4



Achromatopsia
868686



Achromatomaly
629597

CSS Examples

Text

The CSS property to change the color of the text to Hex 24AFB4 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 #24AFB4 looks like.

```
.text, #text, p{  
    color:#24AFB4  
}
```

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 #24AFB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24AFB4
}
```

Border

The CSS property to change the border of an element to Hex 24AFB4 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
#24AFB4 }
```

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

```
.border{ border-color:#24AFB4 }
```

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

Here you see how a box with a 4 pixel #24AFB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24AFB4; -webkit-box-shadow:4px 4px  
4px 4px #24AFB4; box-shadow:4px 4px 4px  
4px #24AFB4 }
```

Background

The CSS property to change the background color of an element to Hex 24AFB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24AFB4 }
```

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

```
.background{ background-color:#24AFB4 }
```

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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