

Converting Colors

Hex(24A4B6)

Have a look what the booklet for
Hex(24A4B6) contains.

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Color

Hex(24A4B6)

Conversions

Conversions Part 1

Format	Color
Hex	24A4B6
RGB	36, 164, 182
RGB Percent	14%, 64%, 71%
CMY	0.8588, 0.3569, 0.2863
CMYK	0.80, 0.10, 0.00, 0.29
HSL	187°, 67%, 43%
HSV	187°, 80%, 71%
XYZ	22.4465, 30.3034, 48.9221
YIQ	127.7800, -82.0660, -21.5380

Conversions

Conversions Part 2

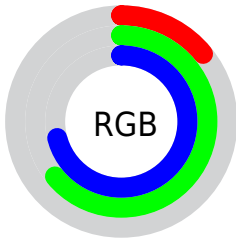
Format	Color
R _Y B	36, 104, 182
Decimal	2401462
CIE Lab	61.92, -26.78, -18.85
CIE LCh	62, 32.750, 215.134
Yxy	30.3034, 0.2208, 0.2981
Android (android.graphics.Color)	4280591542 (0xFF24A4B6)
YUV	127.7800, 26.7305, -80.4911
Hunter-Lab	55.0485, -23.5500, -14.1575

Details

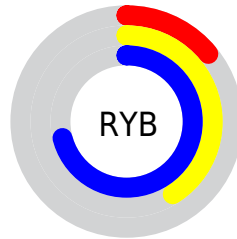
The Hex color **24A4B6** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B63624**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6CDBEE**, and **007081** is the 20% darker color. If you saturate the color by 10%, you get **12A2B6**, and if you desaturate by 10%, it is **36A6B6**.

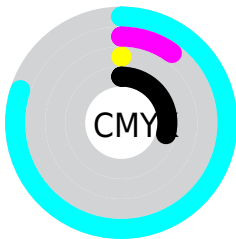
Distribution



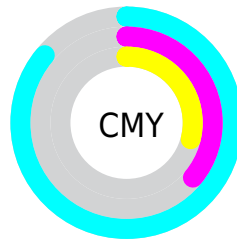
- Red (14%)
- Green (64%)
- Blue (71%)



- Red (14%)
- Yellow (41%)
- Blue (71%)



- Cyan (80%)
- Magenta (10%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24A4B6 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 24A4B6 by changing the saturation by 10% instead.

 24A4B6

 24A4B6

FFFFFF

 00899B

 6CDBEE

 007081

 8AF8FF

 005768

 A8FFFF

 003F50

 C6FFFF

 002939

 E4FFFF

 000F24

 00000C

 000000

 24A4B6

 24A4B6

 12A2B6

 36A6B6

 00A0B6

 48A8B6

 5BABB6

 6DADB6

 7FAFB6

 91B1B6

 A3B4B6

 B6B6B6

 C8B8B6

Harmonies

Analogous

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



3CA59A



24A4B6



449FCA

Triad

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



24A4B6



BE83AF



A4955B

Complementary

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



24A4B6



B63624

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.



BD8B62



24A4B6



CD7F92

Square

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



24A4B6



A08CC5



CC8376



859E65

Rectangle

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



24A4B6



649ACF



CC8376



AD925C

Sweetspot

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



24A4B6



B4E6ED



24B635



557478



F7F7F7



787878

Same Dimension

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



24A4B6



09D1ED



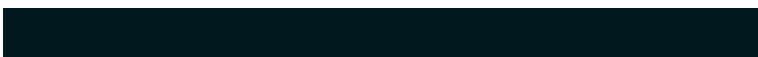
245CB6



535B5C



00889C



00191C

Inverse Universe

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



B624A4



ED09D1



B67E24



5C535B



9C0088



1C0019

Previews

White Background



This preview shows how the Hex color 24A4B6 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 24A4B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

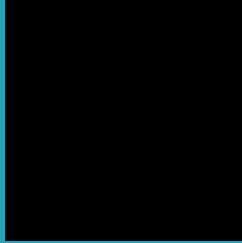
Any Text WCAG AA ✓ Pass

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 24A4B6 Background



This preview shows how black text looks on a background with the Hex color 24A4B6.

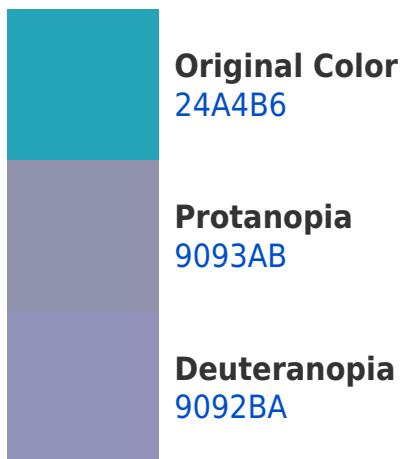


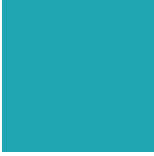
This preview shows how white text looks on a background with the Hex color 24A4B6.

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](#).

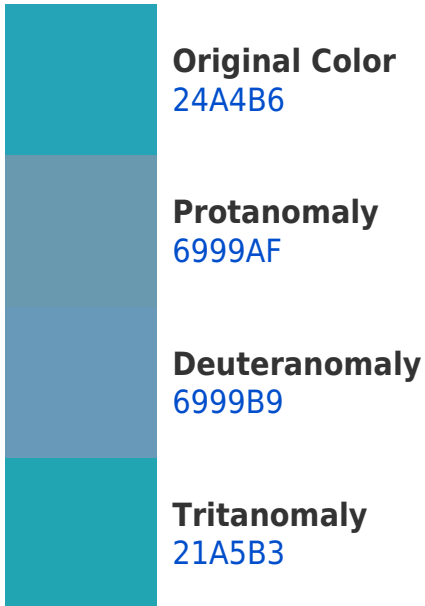
Dichromacy



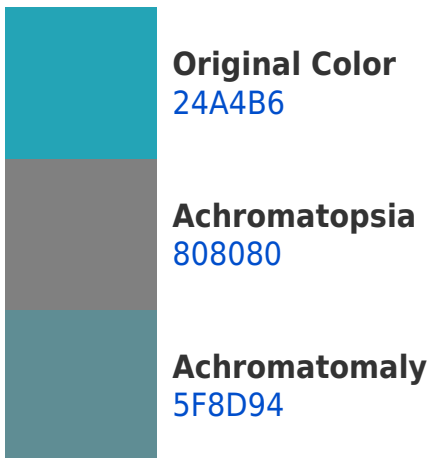


Tritanopia
20A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24A4B6 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 #24A4B6 looks like.

```
.text, #text, p{  
    color:#24A4B6  
}
```

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 #24A4B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24A4B6
}
```

Border

The CSS property to change the border of an element to Hex 24A4B6 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
#24A4B6 }
```

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

```
.border{ border-color:#24A4B6 }
```

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

Here you see how a box with a 4 pixel #24A4B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24A4B6; -webkit-box-shadow:4px 4px  
4px 4px #24A4B6; box-shadow:4px 4px 4px  
4px #24A4B6 }
```

Background

The CSS property to change the background color of an element to Hex 24A4B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24A4B6 }
```

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

```
.background{ background-color:#24A4B6 }
```

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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