

Converting Colors

Hex(24B473)

Have a look what the booklet for
Hex(24B473) contains.

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Color

Hex(24B473)

Conversions

Conversions Part 1

Format	Color
Hex	24B473
RGB	36, 180, 115
RGB Percent	14%, 71%, 45%
CMY	0.8588, 0.2941, 0.5490
CMYK	0.80, 0.00, 0.36, 0.29
HSL	153°, 67%, 42%
HSV	153°, 80%, 71%
XYZ	20.1433, 34.2554, 21.7699
YIQ	129.5340, -64.9590, -50.7430

Conversions

Conversions Part 2

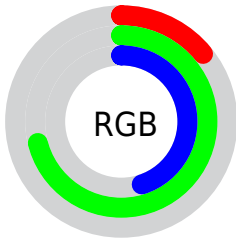
Format	Color
RYB	36, 129, 180
Decimal	2405491
CIELab	65.16, -51.74, 22.99
CIELCh	65, 56.622, 156.044
Yxy	34.2554, 0.2645, 0.4497
Android (android.graphics.Color)	4280595571 (0xFF24B473)
YUV	129.5340, -7.1653, -82.0293
Hunter-Lab	58.5281, -40.9907, 18.9163

Details

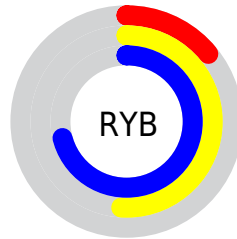
The Hex color **24B473** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B42465**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6AEDA7**, and **007E42** is the 20% darker color. If you saturate the color by 10%, you get **12B46B**, and if you desaturate by 10%, it is **36B47B**.

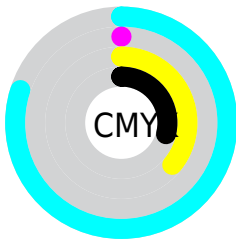
Distribution



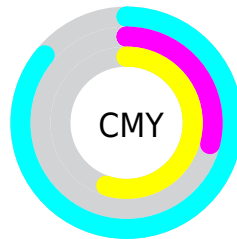
- Red (14%)
- Green (71%)
- Blue (45%)



- Red (14%)
- Yellow (51%)
- Blue (71%)



- Cyan (80%)
- Magenta (0%)
- Yellow (36%)
- Black (29%)



- Cyan (86%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24B473 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 24B473 by changing the saturation by 10% instead.

 24B473

 24B473

FFFFFF

 00995A

 6AEDA7

 007E42

 88FFC3

 00642B

 A6FFDF

 004B15

 C3FFFB

 003300

 E1FFFF

 001B00

 000000

 24B473

 24B473

 12B46B

 36B47B

 00B463

 48B483

 5AB48B

 6CB493

 7EB49C

 90B4A4

 A2B4AC

 B4B4B4

 C6B4BC

Harmonies

Analogous

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



7BAC47



24B473



00B7A7

Triad

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



24B473



4BA0FF



F57A65

Complementary

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



24B473



B42465

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.



FB7096



24B473



AE8DF1

Square

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



24B473



00AEFA



E479C8



DA8D40

Rectangle

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



24B473



00B7C9



E479C8



FA7575

Sweetspot

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



24B473



B2EBD1



67B424



537566



F5F5F5



757575

Same Dimension

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



24B473



09EB85



24AFB4



505955



009954



001A0E

Inverse Universe

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



B42465



EB096F



B42924



595054



990045



1A000C

Previews

White Background



This preview shows how the Hex color 24B473 looks on a white background.

Color Contrast Check

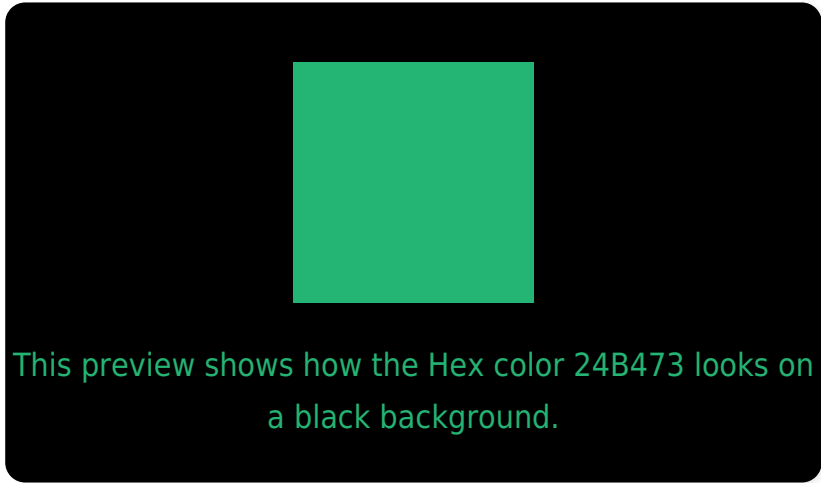
Large Text (above 18pt) WCAG AA × Fail

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

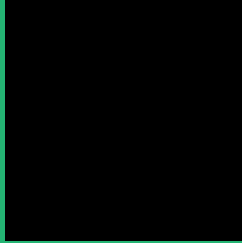
Any Text WCAG AA ✓ Pass

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 24B473 Background



This preview shows how black text looks on a background with the Hex color 24B473.

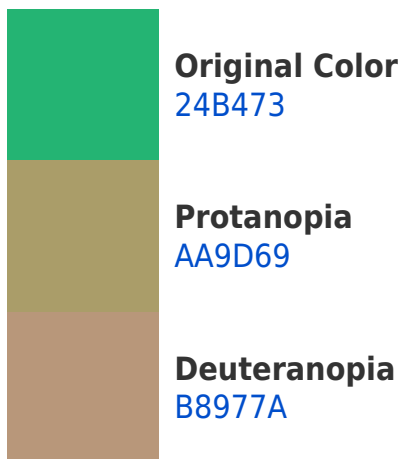


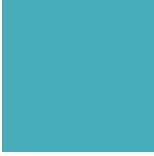
This preview shows how white text looks on a background with the Hex color 24B473.

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
47ABB9

Trichromacy



Original Color

24B473



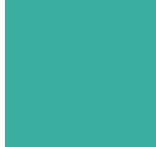
Protanomaly

79A56D



Deuteranomaly

82A277



Tritanomaly

3AAEA0

Monochromacy



Original Color

24B473



Achromatopsia

828282



Achromatomaly

60947D

CSS Examples

Text

The CSS property to change the color of the text to Hex 24B473 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 #24B473 looks like.

```
.text, #text, p{  
    color:#24B473  
}
```

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 #24B473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24B473  
}
```

Border

The CSS property to change the border of an element to Hex 24B473 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  
#24B473 }
```

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

```
.border{ border-color:#24B473 }
```

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

Here you see how a box with a 4 pixel #24B473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24B473; -webkit-box-shadow:4px 4px  
4px 4px #24B473; box-shadow:4px 4px 4px  
4px #24B473 }
```

Background

The CSS property to change the background color of an element to Hex 24B473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24B473 }
```

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

```
.background{ background-color:#24B473 }
```

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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