

Converting Colors

Hex(24AE71)

Have a look what the booklet for
Hex(24AE71) contains.

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Color

Hex(24AE71)

Conversions

Conversions Part 1

Format	Color
Hex	24AE71
RGB	36, 174, 113
RGB Percent	14%, 68%, 44%
CMY	0.8588, 0.3176, 0.5569
CMYK	0.79, 0.00, 0.35, 0.32
HSL	153°, 66%, 41%
HSV	153°, 79%, 68%
XYZ	18.8442, 31.8394, 20.7752
YIQ	125.7840, -62.6670, -48.2270

Conversions

Conversions Part 2

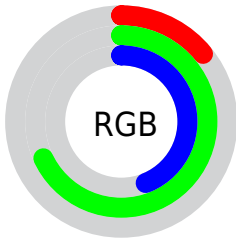
Format	Color
RYB	36, 125, 174
Decimal	2403953
CIELab	63.21, -49.87, 21.43
CIELCh	63, 54.279, 156.747
Yxy	31.8394, 0.2637, 0.4456
Android (android.graphics.Color)	4280594033 (0xFF24AE71)
YUV	125.7840, -6.3025, -78.7406
Hunter-Lab	56.4264, -39.1342, 17.6690

Details

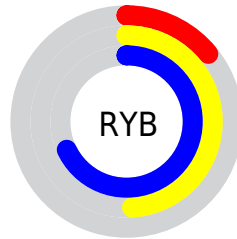
The Hex color **24AE71** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AE2461**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **68E7A5**, and **007840** is the 20% darker color. If you saturate the color by 10%, you get **13AE69**, and if you desaturate by 10%, it is **35AE79**.

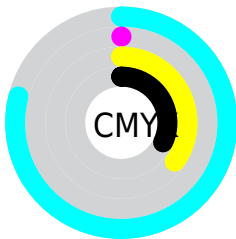
Distribution



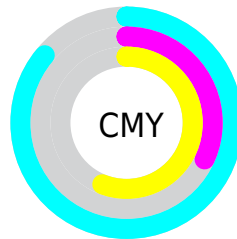
- Red (14%)
- Green (68%)
- Blue (44%)



- Red (14%)
- Yellow (49%)
- Blue (68%)



- Cyan (79%)
- Magenta (0%)
- Yellow (35%)
- Black (32%)



- Cyan (86%)
- Magenta (32%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24AE71 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 24AE71 by changing the saturation by 10% instead.

 24AE71

 24AE71

FFFFFF

 009358

 68E7A5

 007840

 86FFC0

 005F2A

 A4FFDC

 004614

 C1FFF9

 002F00

 DFFFFFF

 001300

FDFFFF

 000000

 24AE71

 24AE71

 13AE69

 35AE79

■ 01AE62

■ 47AE80

■ 00AE61

■ 58AE88

■ 6AAE90

■ 7BAE97

■ 8CAE9F

■ 9EAEA7

■ AFAEAF

■ C1AEB6

Harmonies

Analogous

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



76A747



24AE71



00B1A3

Triad

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



24AE71



4F9BF9



EC7762

Complementary

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



24AE71



AE2461

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.



F16E90



24AE71



AA88E7

Square

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



24AE71



00A8F1



DC75C0



D2893F

Rectangle

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



24AE71



00B0C3



DC75C0



F07270

Sweetspot

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



24AE71



ACE3CB



62AE24



517364



F2F2F2



737373

Same Dimension

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



24AE71



0BE384



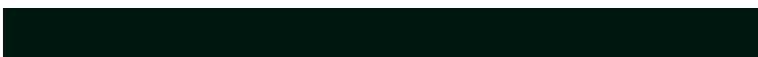
24A7AE



4E5753



009654



00170D

Inverse Universe

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



AE2461



E30B6B



AE2B24



574E52



960043



17000A

Previews

White Background



This preview shows how the Hex color 24AE71 looks on a white background.

Color Contrast Check

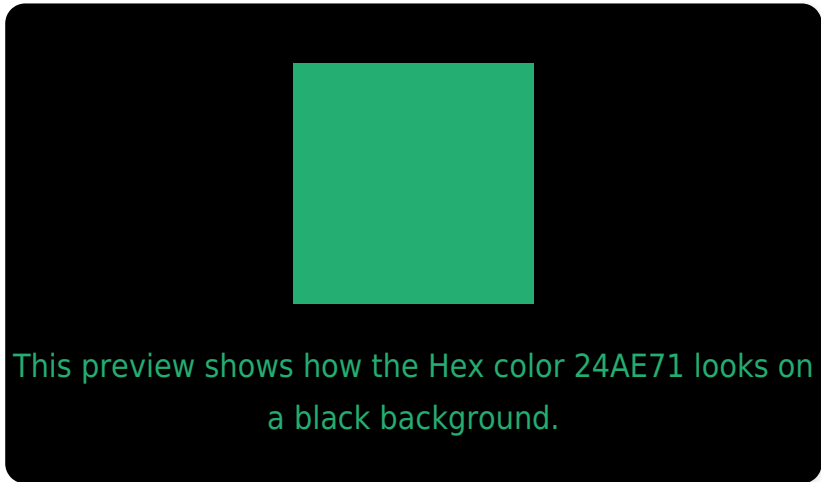
Large Text (above 18pt) WCAG AA × Fail

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 24AE71 Background



This preview shows how black text looks on a background with the Hex color 24AE71.

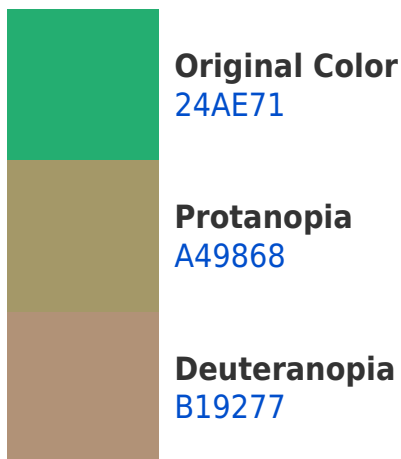


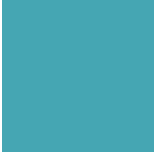
This preview shows how white text looks on a background with the Hex color 24AE71.

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
45A6B3

Trichromacy



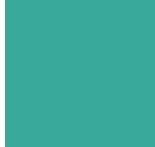
Original Color
24AE71



Protanomaly
75A06B



Deuteranomaly
7E9C75



Tritanomaly
39A99B

Monochromacy



Original Color
24AE71



Achromatopsia
7E7E7E



Achromatomaly
5D8F79

CSS Examples

Text

The CSS property to change the color of the text to Hex 24AE71 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 #24AE71 looks like.

```
.text, #text, p{  
    color:#24AE71  
}
```

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 #24AE71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24AE71
}
```

Border

The CSS property to change the border of an element to Hex 24AE71 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
#24AE71 }
```

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

```
.border{ border-color:#24AE71 }
```

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

Here you see how a box with a 4 pixel #24AE71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24AE71; -webkit-box-shadow:4px 4px  
4px 4px #24AE71; box-shadow:4px 4px 4px  
4px #24AE71 }
```

Background

The CSS property to change the background color of an element to Hex 24AE71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24AE71 }
```

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

```
.background{ background-color:#24AE71 }
```

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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