

# Converting Colors

Hex(24C655)

Have a look what the booklet for  
Hex(24C655) contains.

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**Color**

**Hex(24C655)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 24C655                       |
| RGB         | 36, 198, 85                  |
| RGB Percent | 14%, 78%, 33%                |
| CMY         | 0.8588, 0.2235, 0.6667       |
| CMYK        | 0.82, 0.00, 0.57, 0.22       |
| HSL         | 138°, 69%, 46%               |
| HSV         | 138°, 82%, 78%               |
| XYZ         | 22.5613, 41.4191, 15.3999    |
| YIQ         | 136.6800, -60.2790, -69.4870 |

# Conversions

## Conversions Part 2

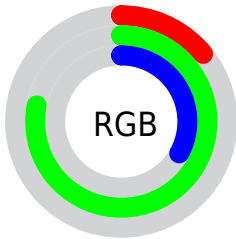
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">36, 160, 198</a>                                 |
| Decimal                             | <a href="#">2410069</a>                                      |
| CIELab                              | <a href="#">70.47, -63.13, 44.88</a>                         |
| CIELCh                              | <a href="#">70, 77.453, 144.588</a>                          |
| Yxy                                 | <a href="#">41.4191, 0.2842, 0.5218</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4280600149</a><br>( <a href="#">0xFF24C655</a> ) |
| YUV                                 | <a href="#">136.6800, -25.4782, -88.2964</a>                 |
| Hunter-Lab                          | <a href="#">64.3577, -50.0507, 30.8631</a>                   |

# Details

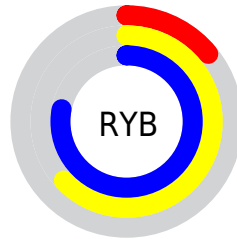
The Hex color **24C655** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C62495**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6FFF8A**, and **008F21** is the 20% darker color. If you saturate the color by 10%, you get **10C647**, and if you desaturate by 10%, it is **38C663**.

# Distribution



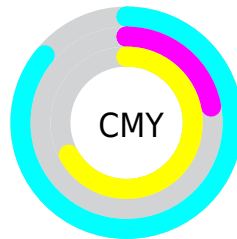
- Red (14%)
- Green (78%)
- Blue (33%)



- Red (14%)
- Yellow (63%)
- Blue (78%)



- Cyan (82%)
- Magenta (0%)
- Yellow (57%)
- Black (22%)



- Cyan (86%)
- Magenta (22%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24C655 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 24C655 by changing the saturation by 10% instead.



 24C655

 24C655

FFFFFF

 00AA3B

 6FFF8A

 008F21

 8EFAA5

 007400

 ACFFC0

 005A00

 CBFFDD

 004100

 E9FFFA

 002900

 000300

 000000

 24C655

 24C655

 10C647

 38C663

 00C63C

 4CC671

 5FC67E

 73C68C

 87C69A

 9BC6A8

 AFC6B6

 C2C6C3

 D6C6D1

# Harmonies

## Analogous

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



96BA07



24C655



00CC9D

# Triad

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



24C655



00B9FF



FF6A76

# Complementary

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



24C655



C62495

# 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.



FF64BC



24C655



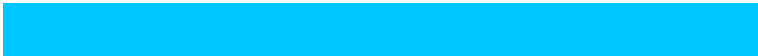
919FFF

# Square

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



24C655



00C7FF



F47EFF



FF8737

# Rectangle

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



24C655



00CDCE



F47EFF



FF648D

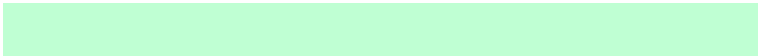


# Sweetspot

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



24C655



BFFFD3



95C624



598065



000000



808080



# Same Dimension

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



24C655



05FF51



24C6A6



5A635D



00A331



00240B



# Inverse Universe

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



C62495



FF05B3



C62444



635A60



A30072

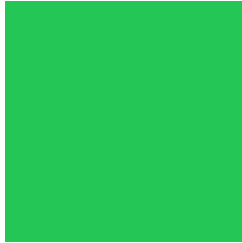


240019



# Previews

## White Background



This preview shows how the Hex color 24C655 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 24C655 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

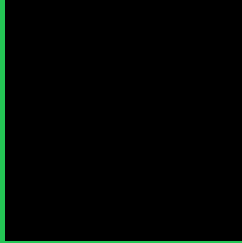
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 24C655 Background



This preview shows how black text looks on a background with the Hex color 24C655.

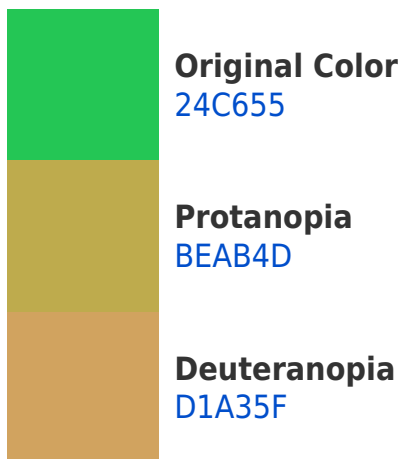


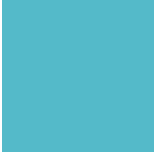
This preview shows how white text looks on a background with the Hex color 24C655.

# 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**  
54BAC9

# Trichromacy



**Original Color**

24C655



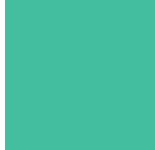
**Protanomaly**

86B550



**Deuteranomaly**

92B05B



**Tritanomaly**

43BE9F

# Monochromacy



**Original Color**

24C655



**Achromatopsia**

898989



**Achromatomaly**

649F76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24C655 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 #24C655 looks like.

```
.text, #text, p{  
    color:#24C655  
}
```

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 #24C655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24C655
}
```

## Border

The CSS property to change the border of an element to Hex 24C655 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
#24C655 }
```

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

```
.border{ border-color:#24C655 }
```

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

Here you see how a box with a 4 pixel #24C655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24C655; -webkit-box-shadow:4px 4px  
4px 4px #24C655; box-shadow:4px 4px 4px  
4px #24C655 }
```

# Background

The CSS property to change the background color of an element to Hex 24C655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24C655 }
```

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

```
.background{ background-color:#24C655 }
```

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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