

Converting Colors

Hex(25C616)

Have a look what the booklet for
Hex(25C616) contains.

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Color

Hex(25C616)

Conversions

Conversions Part 1

Format	Color
Hex	25C616
RGB	37, 198, 22
RGB Percent	15%, 78%, 9%
CMY	0.8549, 0.2235, 0.9137
CMYK	0.81, 0.00, 0.89, 0.22
HSL	115°, 80%, 43%
HSV	115°, 89%, 78%
XYZ	21.1019, 40.8394, 7.5297
YIQ	129.7970, -39.4600, -88.8680

Conversions

Conversions Part 2

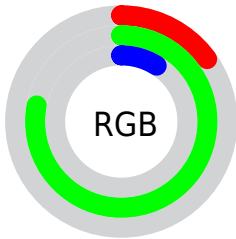
Format	Color
R_{YB}	22, 198, 183
Decimal	2475542
CIE _{Lab}	70.06, -68.20, 66.29
CIE _{LCh}	70, 95.113, 135.814
Yxy	40.8394, 0.3038, 0.5879
Android (android.graphics.Color)	4280665622 (0xFF25C616)
YUV	129.7970, -53.1439, -81.3830
Hunter-Lab	63.9057, -52.8938, 37.7482

Details

The Hex color **25C616** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **B716C6**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **72FF58**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **13C602**, and if you desaturate by 10%, it is **37C62A**.

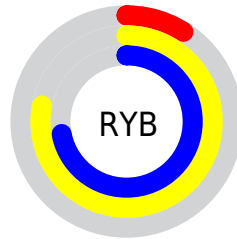
Distribution



Red (15%)

Green (78%)

Blue (9%)



Red (9%)

Yellow (78%)

Blue (72%)

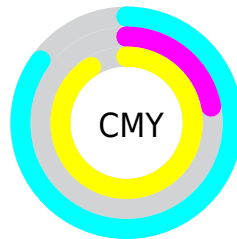


Cyan (81%)

Magenta (0%)

Yellow (89%)

Black (22%)



Cyan (85%)

Magenta (22%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25C616 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 25C616 by changing the saturation by 10% instead.

 25C616

 25C616

FFFFFF

 00AA00

 72FF58

 008E00

 91FF74

 007400

 B0FF90

 005A00

 CFFFAD

 004000

 EEFFC9

 002800

 FFFFE7

 000000

 25C616

 25C616

 13C602

 37C62A

 11C600

 49C63E

 5BC651

 6DC665

 80C679

 92C68D

 A4C6A1

 B6C6B4

 C8C6C8

Harmonies

Analogous

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



A4B500



25C616



00CE7E

Triad

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



25C616



00C1FF



FF3E82

Complementary

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



25C616



B716C6

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.



FF47D8



25C616



00A6FF

Square

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



25C616



00CEFF



E67BFF



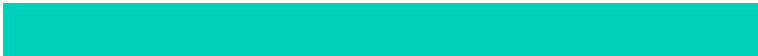
FF6D2D

Rectangle

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



25C616



00D0BA



E67BFF



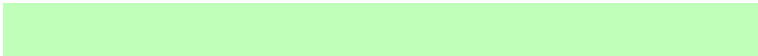
FF379E

Sweetspot

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



25C616



C0FFBA



C6B416



5A8057



000000



808080

Same Dimension

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



25C616



16FF00



16C65C



5A635A



0EA300



032400

Inverse Universe

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



B716C6



E900FF



C61680



635A63



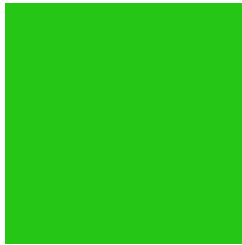
9500A3



210024

Previews

White Background



This preview shows how the Hex color 25C616 looks on a white background.

Color Contrast Check

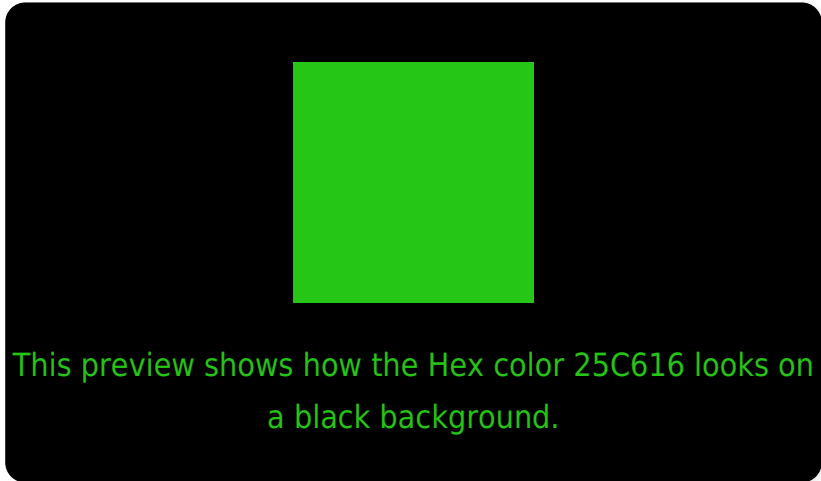
Large Text (above 18pt) WCAG AA × Fail

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 25C616 Background



This preview shows how black text looks on a background with the Hex color 25C616.

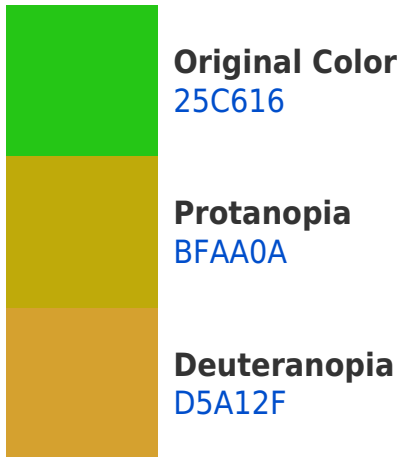


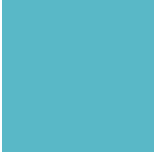
This preview shows how white text looks on a background with the Hex color 25C616.

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
59B8C7

Trichromacy



Original Color
25C616



Protanomaly
87B40E



Deuteranomaly
95AE26



Tritanomaly
46BD87

Monochromacy



Original Color
25C616



Achromatopsia
828282



Achromatomaly
609B5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 25C616 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 #25C616 looks like.

```
.text, #text, p{  
    color:#25C616  
}
```

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 #25C616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25C616
}
```

Border

The CSS property to change the border of an element to Hex 25C616 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
#25C616 }
```

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

```
.border{ border-color:#25C616 }
```

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

Here you see how a box with a 4 pixel #25C616 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25C616; -webkit-box-shadow:4px 4px  
4px 4px #25C616; box-shadow:4px 4px 4px  
4px #25C616 }
```

Background

The CSS property to change the background color of an element to Hex 25C616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25C616 }
```

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

```
.background{ background-color:#25C616 }
```

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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