

Converting Colors

Hex(24F505)

Have a look what the booklet for
Hex(24F505) contains.

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Color

Hex(24F505)

Conversions

Conversions Part 1

Format	Color
Hex	24F505
RGB	36, 245, 5
RGB Percent	14%, 96%, 2%
CMY	0.8588, 0.0392, 0.9804
CMYK	0.85, 0.00, 0.98, 0.04
HSL	112°, 96%, 49%
HSV	112°, 98%, 96%
XYZ	33.4074, 65.6908, 11.0624
YIQ	155.1490, -47.5240, -118.9480

Conversions

Conversions Part 2

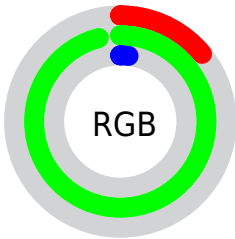
Format	Color
R_{YB}	5, 245, 214
Decimal	2422021
CIE _{Lab}	84.84, -81.79, 80.54
CIE _{LCh}	85, 114.783, 135.442
Yxy	65.6908, 0.3033, 0.5963
Android (android.graphics.Color)	4280612101 (0xFF24F505)
YUV	155.1490, -74.0235, -104.4937
Hunter-Lab	81.0499, -68.2627, 48.6425

Details

The Hex color **24F505** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **D605F5**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7DFF5B**, and **00BB00** is the 20% darker color. If you saturate the color by 10%, you get **20F500**, and if you desaturate by 10%, it is **39F51E**.

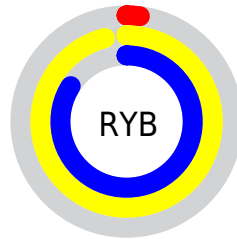
Distribution



Red (14%)

Green (96%)

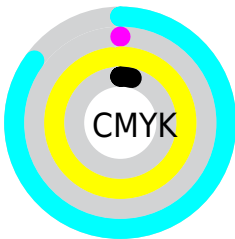
Blue (2%)



Red (2%)

Yellow (96%)

Blue (84%)

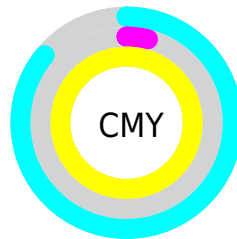


Cyan (85%)

Magenta (0%)

Yellow (98%)

Black (4%)



Cyan (86%)

Magenta (4%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24F505 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 24F505 by changing the saturation by 10% instead.

 24F505

 24F505


FFFFFF

 00D800

 7DFF5B

 00BB00

 A0FF7A

 009F00

 C0FF97

 008300

 E1FFB5

 006800

 FFFFD3

 004E00

 FFFFF1

 003500

 001A00

 000000

 24F505

 24F505

 20F500

 39F51E

 4FF536

 64F54F

 79F567

 8FF580

 A4F598

 B9F5B1

 CFF5C9

 E4F5E2

Harmonies

Analogous

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



CBE000



24F505



00FF99

Triad

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



24F505



00F0FF



FF42A1

Complementary

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



24F505



D605F5

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.



FF51FF



24F505



00CEFF

Square

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



24F505



00FFFF



FF97FF



FF8435

Rectangle

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



24F505



00FFE5



FF97FF



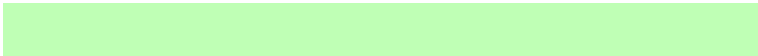
FF37C5

Sweetspot

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



24F505



BFFFB5



F5D505



598053



000000



808080

Same Dimension

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



24F505



21FF00



05F55D



707A6E



18BA00



083B00

Inverse Universe

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



D605F5



DE00FF



F5059D



796E7A



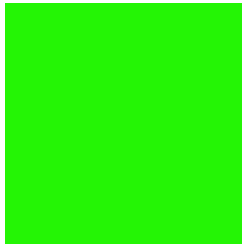
A200BA



33003B

Previews

White Background



This preview shows how the Hex color 24F505 looks on a white background.

Color Contrast Check

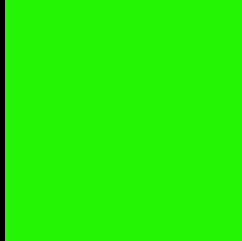
Large Text (above 18pt) WCAG AA × Fail

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 24F505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

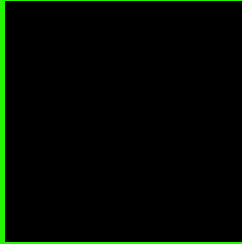
Any Text WCAG AA ✓ Pass

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 24F505 Background



This preview shows how black text looks on a background with the Hex color 24F505.

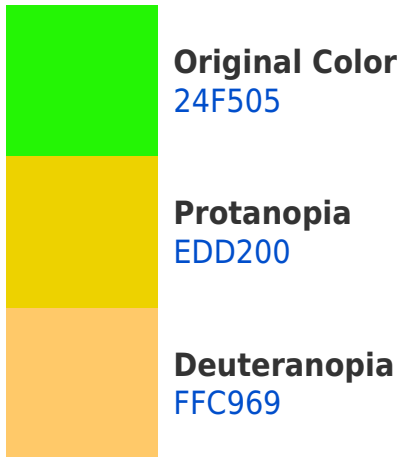


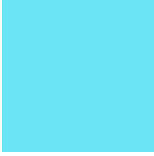
This preview shows how white text looks on a background with the Hex color 24F505.

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](#).

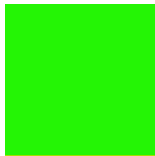
Dichromacy





Tritanopia
6BE4F6

Trichromacy



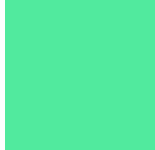
Original Color
24F505



Protanomaly
A4DF02

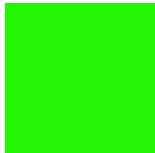


Deuteranomaly
AFD945



Tritanomaly
51EA9E

Monochromacy



Original Color
24F505



Achromatopsia
9B9B9B



Achromatomaly
70BC64

CSS Examples

Text

The CSS property to change the color of the text to Hex 24F505 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 #24F505 looks like.

```
.text, #text, p{  
    color:#24F505  
}
```

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 #24F505 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24F505
}
```

Border

The CSS property to change the border of an element to Hex 24F505 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".

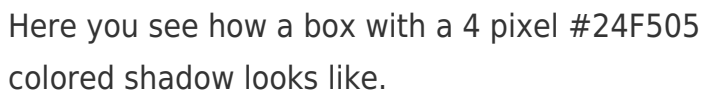
```
.border, #border, table{ border:4px solid
#24F505 }
```

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

```
.border{ border-color:#24F505 }
```

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

Here you see how a box with a 4 pixel #24F505 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24F505; -webkit-box-shadow:4px 4px  
4px 4px #24F505; box-shadow:4px 4px 4px  
4px #24F505 }
```

Background

The CSS property to change the background color of an element to Hex 24F505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24F505 }
```

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

```
.background{ background-color:#24F505 }
```

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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