

Converting Colors

Hex(10B504)

Have a look what the booklet for
Hex(10B504) contains.

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Color

Hex(10B504)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 10B504 |
| RGB | 16, 181, 4 |
| RGB Percent | 6%, 71%, 2% |
| CMY | 0.9373, 0.2902, 0.9843 |
| CMYK | 0.91, 0.00, 0.98, 0.29 |
| HSL | 116°, 96%, 36% |
| HSV | 116°, 98%, 71% |
| XYZ | 16.7595, 33.1667, 5.6334 |
| YIQ | 111.4870, -41.5230, -90.0270 |

Conversions

Conversions Part 2

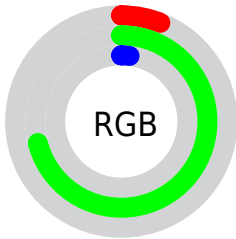
| Format | Color |
|-------------------------------------|--|
| RYB | 4, 181, 169 |
| Decimal | 1094916 |
| CIELab | 64.30, -65.72, 63.92 |
| CIElCh | 64, 91.678, 135.799 |
| Yxy | 33.1667, 0.3016, 0.5970 |
| Android (android.graphics.Color) | 4279284996 (0xFF10B504) |
| YUV | 111.4870, -52.9911, -83.7421 |
| Hunter-Lab | 57.5905, -48.8379, 34.5138 |

Details

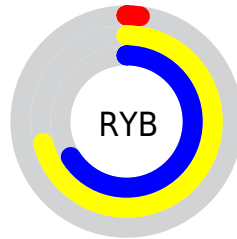
The Hex color **10B504** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **A904B5**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **66EE4E**, and **007E00** is the 20% darker color. If you saturate the color by 10%, you get **0CB500**, and if you desaturate by 10%, it is **21B516**.

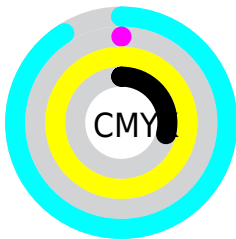
Distribution



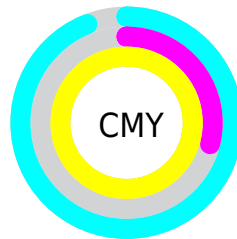
- Red (6%)
- Green (71%)
- Blue (2%)



- Red (2%)
- Yellow (71%)
- Blue (66%)



- Cyan (91%)
- Magenta (0%)
- Yellow (98%)
- Black (29%)



- Cyan (94%)
- Magenta (29%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10B504 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 10B504 by changing the saturation by 10% instead.

 10B504

 10B504

FFFFFF

 009900

 66EE4E

 007E00

 85FF6A

 006400

 A4FF86

 004A00

 C3FFA2

 003300

 E1FFBE

 001800

 FFFFDB

 000000

 FFFFF9

 10B504

 10B504

 0CB500

 21B516

 32B528

 43B53A

 53B54C

 64B55E

 75B571

 86B583

 97B595

 A8B5A7

Harmonies

Analogous

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



94A600



10B504



00BC71

Triad

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



10B504



00B1FF



FF2E75

Complementary

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



10B504



A904B5

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.



FF38C6



10B504



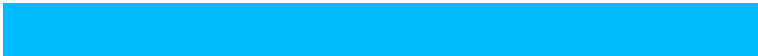
0097FF

Square

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



10B504



00BCFF



D36DFF



FF6023

Rectangle

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



10B504



00BFAA



D36DFF



FF2590

Sweetspot

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



10B504



ABEBA7



B5A604



4F754C



F5F5F5



757575

Same Dimension

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



10B504



10EB00



04B54E



515950



0A9900



021A00

Inverse Universe

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



A904B5



DB00EB



B5046B



595059



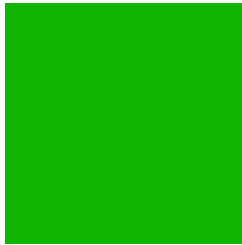
8F0099



18001A

Previews

White Background



This preview shows how the Hex color 10B504 looks on a white background.

Color Contrast Check

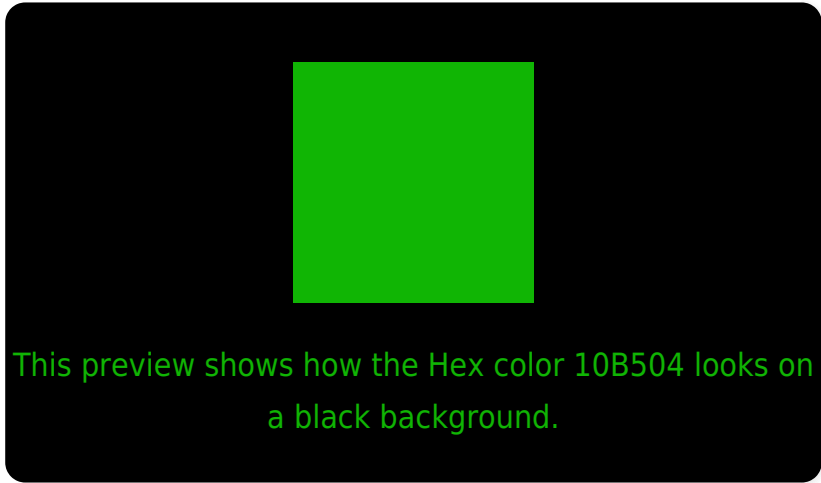
Large Text (above 18pt) WCAG AA × Fail

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 10B504 Background



This preview shows how black text looks on a background with the Hex color 10B504.



This preview shows how white text looks on a background with the Hex color 10B504.

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](#).

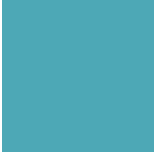
Dichromacy



Original Color
10B504

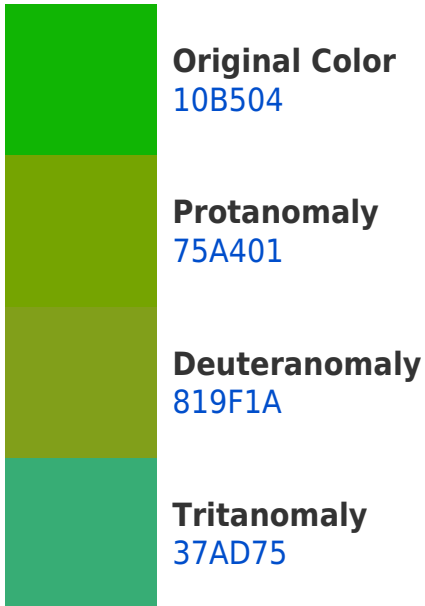
Protanopia
AF9B00

Deuteranopia
C29327

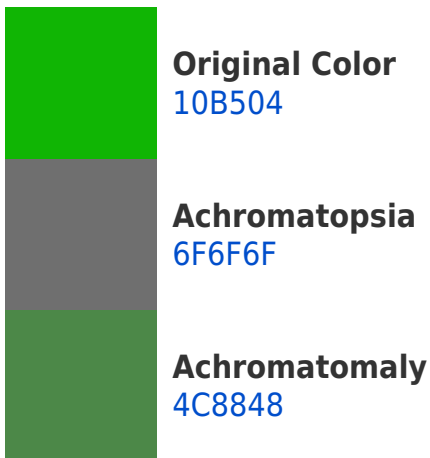


Tritanopia
4DA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 10B504 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 #10B504 looks like.

```
.text, #text, p{  
    color:#10B504  
}
```

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 #10B504 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10B504
}
```

Border

The CSS property to change the border of an element to Hex 10B504 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
#10B504 }
```

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

```
.border{ border-color:#10B504 }
```

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

Here you see how a box with a 4 pixel #10B504 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10B504; -webkit-box-shadow:4px 4px  
4px 4px #10B504; box-shadow:4px 4px 4px  
4px #10B504 }
```

Background

The CSS property to change the background color of an element to Hex 10B504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10B504 }
```

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

```
.background{ background-color:#10B504 }
```

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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