

Converting Colors

Hex(108945)

Have a look what the booklet for
Hex(108945) contains.

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Color

Hex(108945)

Conversions

Conversions Part 1	
Format	Color
Hex	108945
RGB	16, 137, 69
RGB Percent	6%, 54%, 27%
CMY	0.9373, 0.4627, 0.7294
CMYK	0.88, 0.00, 0.50, 0.46
HSL	146°, 79%, 30%
HSV	146°, 88%, 54%
XYZ	10.2335, 18.4312, 8.6484
YIQ	93.0690, -50.2880, -46.8000

Conversions

Conversions Part 2

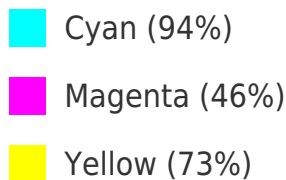
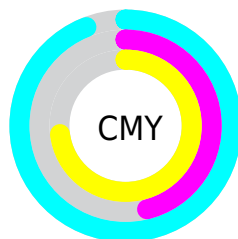
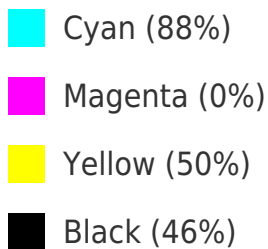
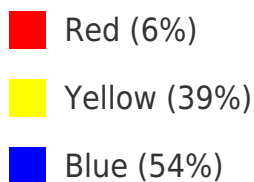
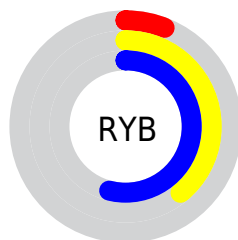
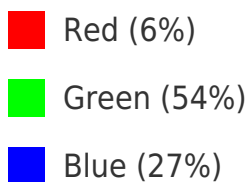
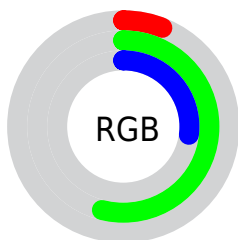
Format	Color
RYB	16, 100, 137
Decimal	1083717
CIELab	50.01, -46.68, 27.85
CIELCh	50, 54.356, 149.182
Yxy	18.4312, 0.2743, 0.4940
Android (android.graphics.Color)	4279273797 (0xFF108945)
YUV	93.0690, -11.8660, -67.5895
Hunter-Lab	42.9315, -32.5814, 18.1083

Details

The Hex color **108945** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **891054**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **56BF76**, and **005617** is the 20% darker color. If you saturate the color by 10%, you get **02893D**, and if you desaturate by 10%, it is **1E894D**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 108945 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 108945 by changing the saturation by 10% instead.

 108945

FFFFFF

 56BF76

 73DC90

 8FF9AB

 ACFFC7

 C9FFE3

 E6FFFF

 108945

 006F2E

 005617

 003D00

 002800

 000000

 108945

 02893D

 108945

 1E894D

 00893C

 2B8954

 39895C

 478964

 54896B

 628973

 70897B

 7E8983

 8B898A

Harmonies

Analogous

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



61811C



108945



008C74

Triad

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



108945



007DD4



C7504D

Complementary

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



108945



891054

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.



C7497A



108945



746BC8

Square

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



108945



0088C6



AD56A7



B26225

Rectangle

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



108945



008D94



AD56A7



CA4C5B

Sweetspot

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



108945



84B398



558910



3E594A



D9D9D9



595959

Same Dimension

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



108945



00B34E



108981



3E4541



00853A



000502

Inverse Universe

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



891054



B30064



891018



453E42



85004B



050003

Previews

White Background



This preview shows how the Hex color 108945 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 108945 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 × Fail

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

Hex 108945 Background



This preview shows how black text looks on a background with the Hex color 108945.



This preview shows how white text looks on a background with the Hex color 108945.

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
108945

Protanopia
82763E

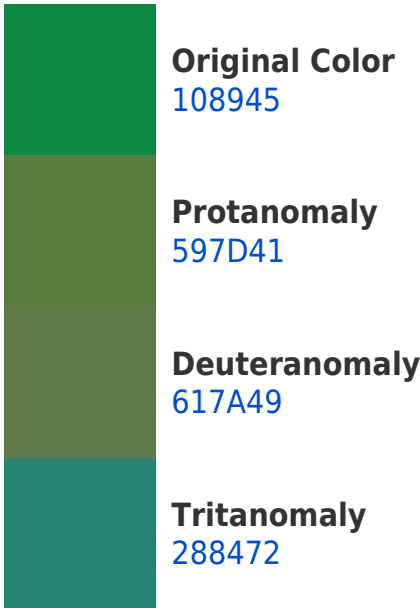
Deuteranopia
8F714B



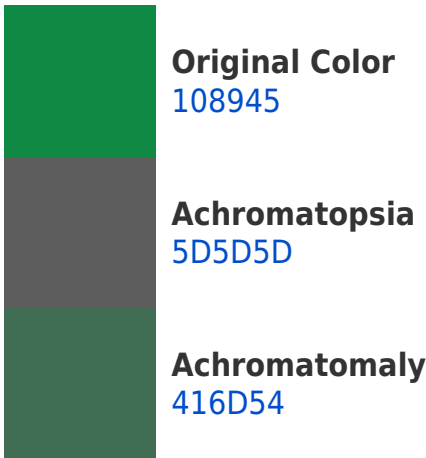
Tritanopia

36818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 108945 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 #108945 looks like.

```
.text, #text, p{  
    color:#108945  
}
```

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 #108945 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #108945
}
```

Border

The CSS property to change the border of an element to Hex 108945 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
#108945 }
```

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

```
.border{ border-color:#108945 }
```

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

Here you see how a box with a 4 pixel #108945 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #108945; -webkit-box-shadow:4px 4px  
4px 4px #108945; box-shadow:4px 4px 4px  
4px #108945 }
```

Background

The CSS property to change the background color of an element to Hex 108945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#108945 }
```

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

```
.background{ background-color:#108945 }
```

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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