

Converting Colors

Hex(199636)

Have a look what the booklet for
Hex(199636) contains.

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Color

Hex(199636)

Conversions

Conversions Part 1

Format	Color
Hex	199636
RGB	25, 150, 54
RGB Percent	10%, 59%, 21%
CMY	0.9020, 0.4118, 0.7882
CMYK	0.83, 0.00, 0.64, 0.41
HSL	134°, 71%, 34%
HSV	134°, 83%, 59%
XYZ	11.9731, 22.2857, 7.1606
YIQ	101.6810, -43.6840, -56.3560

Conversions

Conversions Part 2

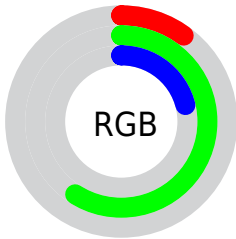
Format	Color
R_{YB}	25, 126, 150
Decimal	1676854
CIE _{Lab}	54.33, -52.50, 40.53
CIE _{LCh}	54, 66.321, 142.331
Yxy	22.2857, 0.2891, 0.5381
Android (android.graphics.Color)	4279866934 (0xFF199636)
YUV	101.6810, -23.5067, -67.2492
Hunter-Lab	47.2077, -37.3413, 24.0522

Details

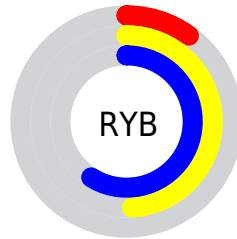
The Hex color **199636** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **961979**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5ECD69**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **0A962A**, and if you desaturate by 10%, it is **289642**.

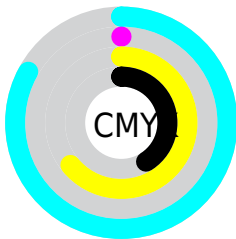
Distribution



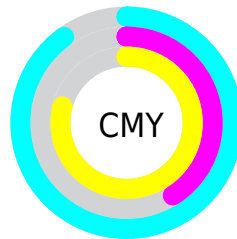
- Red (10%)
- Green (59%)
- Blue (21%)



- Red (10%)
- Yellow (49%)
- Blue (59%)



- Cyan (83%)
- Magenta (0%)
- Yellow (64%)
- Black (41%)



- Cyan (90%)
- Magenta (41%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 199636 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 199636 by changing the saturation by 10% instead.

 199636

 199636

FFFFFF

 007B1C

 5ECD69

 006200

 7BEA83

 004800

 98FF9D

 003200

 B5FFB9

 001800

 D3FFD5

 000000

 F1FFF2

 199636

 199636

 0A962A

 289642

■ 009623

■ 37964D

■ 469659

■ 559664

■ 649670

■ 73967B

■ 829687

■ 919692

■ A0969E

Harmonies

Analogous

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



738C00



199636



009B71

Triad

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



199636



008DF4



E6495A

Complementary

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



199636



961979

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.



E04693



199636



6079ED

Square

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



199636



0098DC



B85DC9



D16125

Rectangle

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



199636



009C99



B85DC9



E7446D

Sweetspot

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



199636



91C29D



7B9619



44614B



E0E0E0



616161

Same Dimension

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



199636



00C22D



199673



434A44



008A20



000A02

Inverse Universe

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



961979



C20095



96193C



4A4348



8A006A



0A0008

Previews

White Background



This preview shows how the Hex color 199636 looks on a white background.

Color Contrast Check

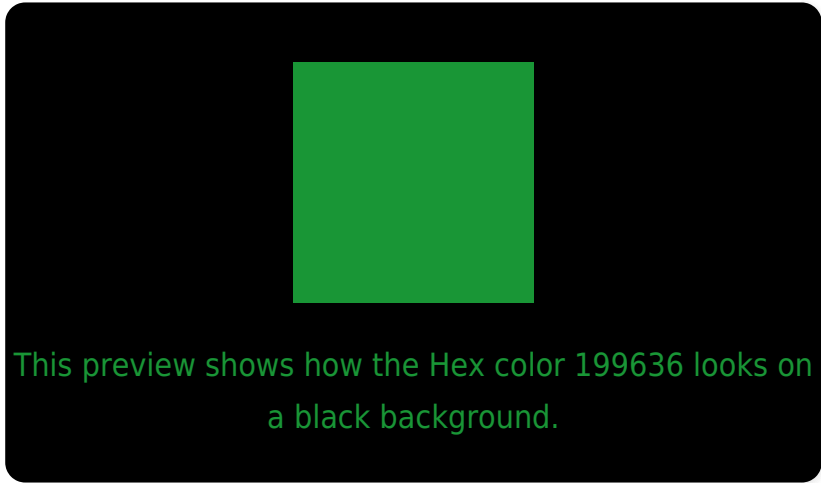
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 199636 Background



This preview shows how black text looks on a background with the Hex color 199636.



This preview shows how white text looks on a background with the Hex color 199636.

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
199636

Protanopia
908130

Deuteranopia
9F7B3E



Tritanopia
408C98

Trichromacy



Original Color
199636



Protanomaly
658932



Deuteranomaly
6E853B



Tritanomaly
329074

Monochromacy



Original Color
199636



Achromatopsia
666666



Achromatomaly
4A7755

CSS Examples

Text

The CSS property to change the color of the text to Hex 199636 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 #199636 looks like.

```
.text, #text, p{  
    color:#199636  
}
```

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 #199636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #199636
}
```

Border

The CSS property to change the border of an element to Hex 199636 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
#199636 }
```

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

```
.border{ border-color:#199636 }
```

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

Here you see how a box with a 4 pixel #199636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #199636; -webkit-box-shadow:4px 4px  
4px 4px #199636; box-shadow:4px 4px 4px  
4px #199636 }
```

Background

The CSS property to change the background color of an element to Hex 199636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#199636 }
```

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

```
.background{ background-color:#199636 }
```

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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