

Converting Colors

Hex(1D9242)

Have a look what the booklet for
Hex(1D9242) contains.

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Color

Hex(1D9242)

Conversions

Conversions Part 1

Format	Color
Hex	1D9242
RGB	29, 146, 66
RGB Percent	11%, 57%, 26%
CMY	0.8863, 0.4275, 0.7412
CMYK	0.80, 0.00, 0.55, 0.43
HSL	139°, 67%, 34%
HSV	139°, 80%, 57%
XYZ	11.7689, 21.2123, 8.6284
YIQ	101.8970, -44.0520, -49.6840

Conversions

Conversions Part 2

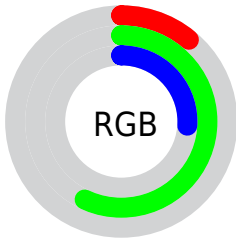
Format	Color
R_{YB}	29, 118, 146
Decimal	1937986
CIE _{Lab}	53.18, -48.98, 33.37
CIE _{LCh}	53, 59.270, 145.732
Yxy	21.2123, 0.2828, 0.5098
Android (android.graphics.Color)	4280128066 (0xFF1D9242)
YUV	101.8970, -17.6972, -63.9307
Hunter-Lab	46.0568, -34.9872, 21.1323

Details

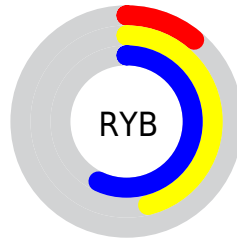
The Hex color **1D9242** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **921D6D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5EC974**, and **005E12** is the 20% darker color. If you saturate the color by 10%, you get **0E9238**, and if you desaturate by 10%, it is **2C924C**.

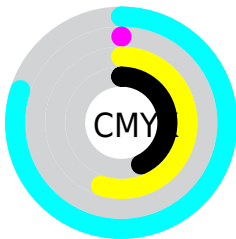
Distribution



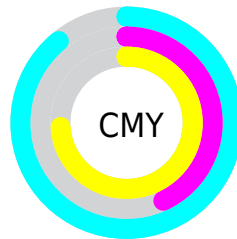
- Red (11%)
- Green (57%)
- Blue (26%)



- Red (11%)
- Yellow (46%)
- Blue (57%)



- Cyan (80%)
- Magenta (0%)
- Yellow (55%)
- Black (43%)



- Cyan (89%)
- Magenta (43%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D9242 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 1D9242 by changing the saturation by 10% instead.

 1D9242

 1D9242

FFFFFF

 00782A


 5EC974

 005E12

 7BE68E

 004500

 98FFA9

 002F00

 B5FFC4

 001300

 D2FFE1

 000000

 EFFFFE

 1D9242

 1D9242

 0E9238

 2C924C

■ 00922E

■ 3A9256

■ 499260

■ 57926A

■ 669274

■ 75927E

■ 839288

■ 929292

■ A0929C

Harmonies

Analogous

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



6D8913



1D9242



009676

Triad

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



1D9242



0087E5



D85156

Complementary

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



1D9242



921D6D

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.



D64C89



1D9242



7075DB

Square

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



1D9242



0092D3



B55DB9



C36529

Rectangle

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



1D9242



009799



B55DB9



DA4D66

Sweetspot

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



1D9242



8FBD9E



6F921D



435E4C



DEDEDE



5E5E5E

Same Dimension

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



1D9242



08BD41



1D927B



434A45



008A2C



000A03

Inverse Universe

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



921D6D



BD0883



921D34



4A4348



8A005E



0A0007

Previews

White Background



This preview shows how the Hex color 1D9242 looks on a white background.

Color Contrast Check

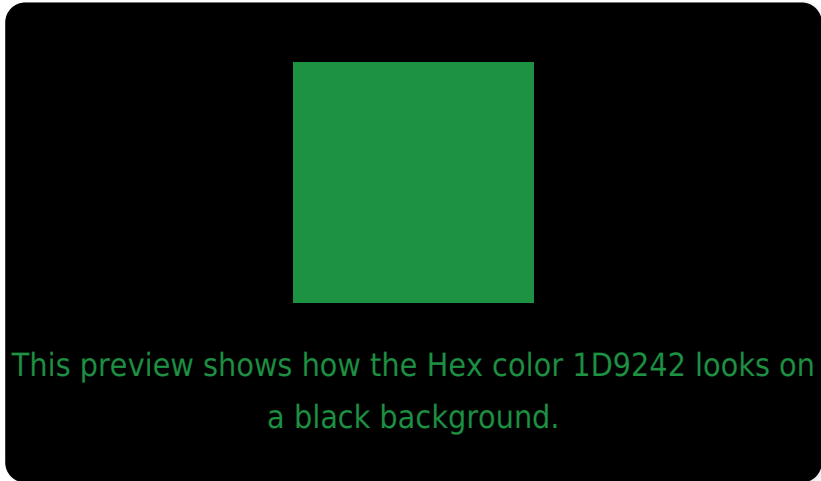
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D9242 Background



This preview shows how black text looks on a background with the Hex color 1D9242.



This preview shows how white text looks on a background with the Hex color 1D9242.

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
3F8994

Trichromacy



Original Color
1D9242



Protanomaly
64853E



Deuteranomaly
6D8146



Tritanomaly
338C76

Monochromacy



Original Color
1D9242



Achromatopsia
666666



Achromatomaly
4B7659

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D9242 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 #1D9242 looks like.

```
.text, #text, p{  
    color:#1D9242  
}
```

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 #1D9242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D9242
}
```

Border

The CSS property to change the border of an element to Hex 1D9242 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
#1D9242 }
```

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

```
.border{ border-color:#1D9242 }
```

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

Here you see how a box with a 4 pixel #1D9242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D9242; -webkit-box-shadow:4px 4px  
4px 4px #1D9242; box-shadow:4px 4px 4px  
4px #1D9242 }
```

Background

The CSS property to change the background color of an element to Hex 1D9242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D9242 }
```

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

```
.background{ background-color:#1D9242 }
```

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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