

Converting Colors

Hex(1D4876)

Have a look what the booklet for
Hex(1D4876) contains.

Hex(1D4876)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1D4876)

Conversions

Conversions Part 1

Format	Color
Hex	1D4876
RGB	29, 72, 118
RGB Percent	11%, 28%, 46%
CMY	0.8863, 0.7176, 0.5373
CMYK	0.75, 0.39, 0.00, 0.54
HSL	211°, 61%, 29%
HSV	211°, 75%, 46%
XYZ	6.0941, 6.2039, 18.0158
YIQ	64.3870, -40.3940, 5.1900

Conversions

Conversions Part 2

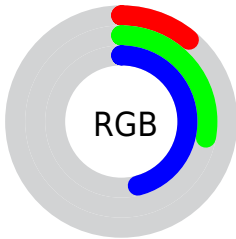
Format	Color
R_{YB}	29, 58, 118
Decimal	1919094
CIE Lab	29.92, 2.18, -30.62
CIE LCh	30, 30.701, 274.081
Yxy	6.2039, 0.2010, 0.2047
Android (android.graphics.Color)	4280109174 (0xFF1D4876)
YUV	64.3870, 26.4312, -31.0344
Hunter-Lab	24.9077, 0.0844, -25.4492

Details

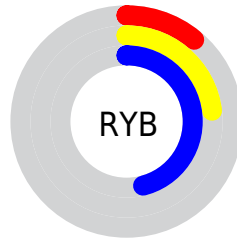
The Hex color **1D4876** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **764B1D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5678AA**, and **001D45** is the 20% darker color. If you saturate the color by 10%, you get **114276**, and if you desaturate by 10%, it is **294E76**.

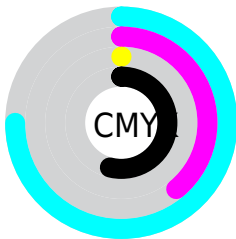
Distribution



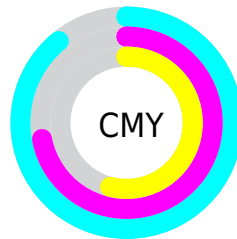
- Red (11%)
- Green (28%)
- Blue (46%)



- Red (11%)
- Yellow (23%)
- Blue (46%)



- Cyan (75%)
- Magenta (39%)
- Yellow (0%)
- Black (54%)



- Cyan (89%)
- Magenta (72%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D4876 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 1D4876 by changing the saturation by 10% instead.

■ 1D4876

■ 1D4876

FFFFFF

■ 00325D

■ 5678AA

■ 001D45

■ 7192C6

■ 00022F

■ 8CACE2

■ 000119

■ A8C7FF

■ 000000

■ C4E3FF

■ E1FFFF

FEFFFF

■ 1D4876

■ 1D4876

■ 114276

■ 294E76

■ 053C76

■ 355476

■ 003976

■ 405A76

■ 4C6076

■ 586676

■ 646D76

■ 707376

■ 7B7976

■ 877F76

Harmonies

Analogous

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



004E71



1D4876



4C3F6E

Triad

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



1D4876



70352D



145131

Complementary

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



1D4876



764B1D

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.



384D1D



1D4876



643E1B

Square

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



1D4876



723144



514614



005249

Rectangle

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



1D4876



5F3863



514614



235029

Sweetspot

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



1D4876



768799



1D764B



37414D



CCCCCC



4D4D4D

Same Dimension

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



1D4876



0E5199



1E1D76



35383B



003B7A



0079FA

Inverse Universe

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



761D48



990E51



75761D



3B3538



7A003B



FA0079

Previews

White Background



This preview shows how the Hex color 1D4876 looks on a white background.

Color Contrast Check

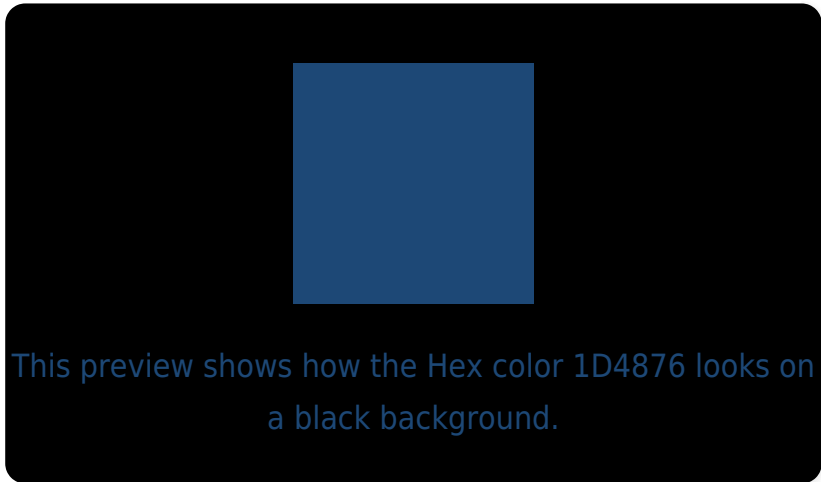
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Hex 1D4876 Background



This preview shows how black text looks on a background with the Hex color 1D4876.



This preview shows how white text looks on a background with the Hex color 1D4876.

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](#).

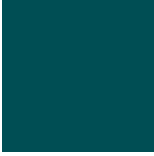
Dichromacy



Original Color
1D4876

Protanopia
344573

Deuteranopia
254776



Tritanopia
004E54

Trichromacy



Original Color
1D4876

Protanomaly
2C4674

Deuteranomaly
224776

Tritanomaly
0B4C60

Monochromacy



Original Color
1D4876

Achromatopsia
404040

Achromatomaly
334354

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D4876 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 #1D4876 looks like.

```
.text, #text, p{  
    color:#1D4876  
}
```

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 #1D4876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4876
}
```

Border

The CSS property to change the border of an element to Hex 1D4876 is called "border". The border property can be set on classes, ids or directly on the HTML element.

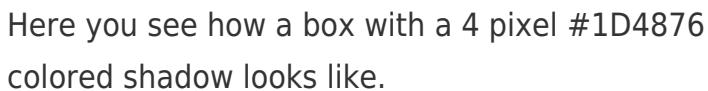
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D4876 }
```

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

```
.border{ border-color:#1D4876 }
```

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



Here you see how a box with a 4 pixel #1D4876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4876; -webkit-box-shadow:4px 4px  
4px 4px #1D4876; box-shadow:4px 4px 4px  
4px #1D4876 }
```

Background

The CSS property to change the background color of an element to Hex 1D4876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4876 }
```

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

```
.background{ background-color:#1D4876 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor