

Converting Colors

HunterLab(10.1195, 4.1219,
-17.1457)

Have a look what the booklet for
HunterLab(10.1195, 4.1219,
-17.1457) contains.

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Color

**HunterLab(10.1829, 3.9509,
-16.9635)**

Conversions

Conversions Part 1

Format	Color
Hex	0C183A
RGB	12, 24, 58
RGB Percent	5%, 9%, 23%
CMY	0.9529, 0.9059, 0.7725
CMYK	0.79, 0.59, 0.00, 0.77
HSL	224°, 66%, 14%
HSV	224°, 79%, 23%
XYZ	1.2420, 1.0369, 4.1377
YIQ	24.2880, -18.0660, 8.0300

Conversions

Conversions Part 2

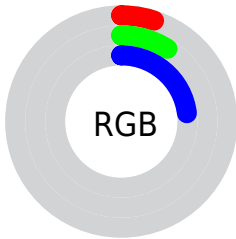
Format	Color
R _Y B	12, 22, 58
Decimal	792634
CIE Lab	9.30, 8.74, -23.63
CIE LCh	9, 25.191, 290.294
Yxy	1.0369, 0.1936, 0.1616
Android (android.graphics.Color)	4278982714 (0xFF0C183A)
YUV	24.2880, 16.6200, -10.7766
Hunter-Lab	10.1829, 3.9509, -16.9635

Details

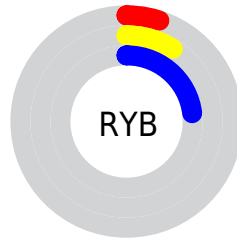
The HunterLab color **10.1829, 3.9509, -16.9635** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **16.9715, -0.3725, 9.2358**, and the grayscale version is **9.5997, -0.5122, 0.5216**.

A 20% lighter version of the original color is **24.3498, 4.8479, -18.1127**, and **1.6292, 4.4193, -11.5765** is the 20% darker color. If you saturate the color by 10%, you get **9.1420, 5.2156, -20.2368**, and if you desaturate by 10%, it is **11.2978, 2.8477, -13.9960**.

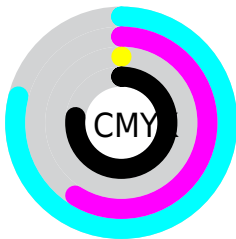
Distribution



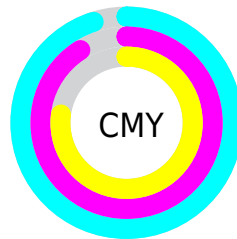
- Red (5%)
- Green (9%)
- Blue (23%)



- Red (5%)
- Yellow (9%)
- Blue (23%)



- Cyan (79%)
- Magenta (59%)
- Yellow (0%)
- Black (77%)



- Cyan (95%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.1829, 3.9509, -16.9635 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 HunterLab color 10.1829, 3.9509, -16.9635 by changing the saturation by 10% instead.

10.1829, 3.9509,
-16.9635

10.1829, 3.9509,
-16.9635

99.0904, 3.7314,
-20.2347

0.0000, INF, -NF

0.0000, NaN, -NF

24.4003, 4.5070,
-17.7305

0.0000, NaN, NaN

32.9115, 4.6108,
-18.2434

0.0000, NaN, NaN

42.2316, 4.6266,
-18.7215

0.0000, NaN, NaN

0.0000, NaN, NaN

52.2958, 4.5672,
-19.1451

0.0000, NaN, NaN

63.0525, 4.4417,
-19.5079

0.0000, NaN, NaN

0.0000, NaN, NaN

74.4597, 4.2571,

-19.8094

■ 86.4824, 4.0189,
-20.0509

■ 10.1829, 3.9509,
-16.9635

■ 10.1829, 3.9509,
-16.9635

■ 9.1420, 5.2156,
-20.2368

■ 11.2978, 2.8477,
-13.9960

■ 8.1356, 6.5110,
-24.0455

■ 12.4864, 1.9248,
-11.2800

■ 8.0670, 6.6018,
-24.3345

■ 13.7374, 1.1564,
-8.7916

■ 15.0419, 0.5180,
-6.5007

■ 16.3927, -0.0120,
-4.3774

■ 17.7842, -0.4517,
-2.3948

■ 19.2119, -0.8159,
-0.5297

■ 20.6722, -1.1166,
1.2375

■ 22.1619, -1.3636,
2.9230

Harmonies

Analogous

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



10.1830, -2.4851, -18.2797



10.1829, 3.9509, -16.9635



10.1830, 10.4033, -9.7386

Triad

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



10.1830, 3.9512, -16.9632



10.1830, 8.2908, 7.1281



10.1830, -11.3005, 2.3330

Complementary

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



10.1829, 3.9509, -16.9635



16.9715, -0.3725, 9.2358

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.



10.1830, -8.9683, 7.1281



10.1829, 3.9509, -16.9635



10.1830, 1.5546, 7.1281

Square

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



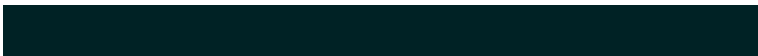
10.1830, 3.9512, -16.9632



10.1830, 13.2972, 4.1609



10.1830, -4.4139, 7.1281



10.1830, -10.7856, -4.2410

Rectangle

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



10.1829, 3.9509, -16.9635



10.1830, 13.3595, -4.0834



10.1830, -4.4139, 7.1281



10.1830, -10.8235, 4.0619

Sweetspot

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



10.1830, 3.9512, -16.9632



22.3151, -0.2673, -4.6641



18.1644, -10.6341, 2.6592



11.4361, -0.1025, -2.5718



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



10.1830, 3.9512, -16.9632



10.7591, 8.9095, -31.3978



8.6461, 10.5219, -21.9383



10.1569, -0.4457, -0.1805



11.9171, 12.8245, -42.5796



28.4188, 40.0782, -122.0384

Inverse Universe

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



11.0838, 13.4777, 2.4431



13.0425, 21.1671, 4.7746



19.1400, -7.7169, 10.5811



10.1383, 0.2052, 0.5435



15.2668, 26.5752, 6.5284



39.2480, 67.9711, 19.4874

Previews

White Background



This preview shows how the HunterLab color 10.1829, 3.9509, -16.9635 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

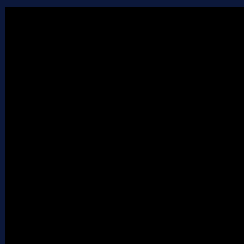
Any Text WCAG AA × Fail

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](#).

HunterLab 10.1829, 3.9509, -16.9635 Background



This preview shows how black text looks on a background with the HunterLab color 10.1829, 3.9509, -16.9635.



This preview shows how white text looks on a background with the HunterLab color 10.1829, 3.9509, -16.9635.

-16.9635.

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

10.1829, 3.9509, -16.9635

Protanopia

10.0256, 0.8871, -14.4462

Deuteranopia

9.9454, -1.1610, -9.9246



Tritanopia

10.1628, -5.0513, -1.7983

Trichromacy



Original Color

10.1829, 3.9509, -16.9635

Protanomaly

9.9845, 1.9652, -15.2763

Deuteranomaly

10.0181, 0.5892, -12.3525

Tritanomaly

10.0817, -2.3180, -6.1654

Monochromacy



Original Color

10.1829, 3.9509, -16.9635

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.6404, 0.4151, -4.3175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.1829, 3.9509, -16.9635 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 `rgb(12, 24, 58)` looks like.

```
.text, #text, p{  
    color:rgb(12, 24, 58)  
}
```

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 rgb(12, 24, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 24, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 10.1829, 3.9509, -16.9635 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 rgb(12, 24, 58) }
```


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

```
.border{ border-color:rgb(12, 24, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 24, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 24, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 24, 58);  
box-shadow:4px 4px 4px 4px rgb(12, 24, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 10.1829, 3.9509, -16.9635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 24, 58) }
```

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

```
.background{ background-color: rgb(12, 24,  
58) }
```

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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