

Converting Colors

HunterLab(18.3220, 10.2055,
-25.0490)

Have a look what the booklet for
HunterLab(18.3220, 10.2055,
-25.0490) contains.

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Color

**HunterLab(18.4196, 10.0435,
-24.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	312D61
RGB	49, 45, 97
RGB Percent	19%, 18%, 38%
CMY	0.8078, 0.8235, 0.6196
CMYK	0.49, 0.54, 0.00, 0.62
HSL	245°, 37%, 28%
HSV	245°, 54%, 38%
XYZ	4.3627, 3.3928, 11.7342
YIQ	52.1240, -14.3080, 17.0200

Conversions

Conversions Part 2

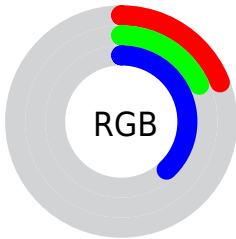
Format	Color
R_{YB}	49, 45, 97
Decimal	3222881
CIE Lab	21.55, 17.16, -30.43
CIE LCh	22, 34.932, 299.415
Yxy	3.3929, 0.2238, 0.1741
Android (android.graphics.Color)	4281412961 (0xFF312D61)
YUV	52.1240, 22.1239, -2.7397
Hunter-Lab	18.4196, 10.0435, -24.8770




Details

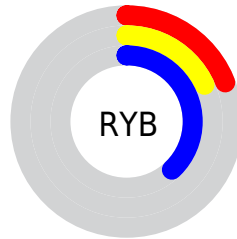
The HunterLab color $[18.4196, 10.0435, -24.8770]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[33.2656, -8.5133, 15.9241]$, and the grayscale version is $[18.5045, -0.9874, 1.0054]$.




A 20% lighter version of the original color is $[35.0328, 11.2079, -25.6331]$, and $[4.9965, 13.1655, -32.4987]$ is the 20% darker color. If you saturate the color by 10%, you get $[15.9217, 12.9967, -32.0759]$, and if you desaturate by 10%, it is $[21.1313, 7.3853, -18.5813]$.

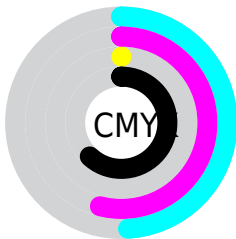
Distribution







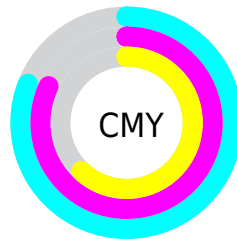
-  Red (19%)
-  Green (18%)
-  Blue (38%)






-  Red (19%)
-  Yellow (18%)
-  Blue (38%)



-  Cyan (49%)
-  Magenta (54%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (81%)
-  Magenta (82%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4196, 10.0435, -24.8770 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 18.4196, 10.0435, -24.8770 by changing the saturation by 10% instead.

■ 18.4196, 10.0435,
-24.8770

■ 18.4196, 10.0435,
-24.8770

■ 115.3058, 12.7326,
-29.0946

■ 11.5765, 9.1823,
-24.8933

■ 34.9478, 11.3056,
-25.8681

■ 4.1470, 17.8061,
-40.6030

■ 44.4410, 11.7548,
-26.4534

0.0000, NaN, -NF

■ 54.6657, 12.1058,
-27.0163

0.0000, NaN, NaN

■ 65.5727, 12.3708,
-27.5370

0.0000, NaN, NaN

■ 77.1217, 12.5592,
-28.0072

0.0000, NaN, NaN

■ 89.2790, 12.6784,

0.0000, NaN, NaN

-28.4237

0.0000, NaN, NaN

102.0155, 12.7345,
-28.7859

18.4196, 10.0435,
-24.8770

18.4196, 10.0435,
-24.8770

15.9217, 12.9967,
-32.0759

21.1313, 7.3853,
-18.5813

13.7007, 16.2331,
-40.2150

24.0111, 4.9809,
-13.0431

11.8444, 19.5932,
-48.9700

27.0278, 2.7808,
-8.1059

10.4148, 22.8008,
-57.5658

30.1589, 0.7400,
-3.6366

9.5459, 25.3887,
-63.9162

33.3880, -1.1776,
0.4699

■ 36.7027, -3.0002,
4.2942

■ 40.0935, -4.7495,
7.8981

■ 43.5529, -6.4421,
11.3285

■ 47.0749, -8.0908,
14.6217

Harmonies

Analogous

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



18.4199, -1.1898, -30.4932



18.4196, 10.0435, -24.8770



18.4199, 19.8704, -11.7246

Triad

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



18.4199, 10.0436, -24.8764



18.4199, 10.4825, 11.2988



18.4199, -17.1636, 1.1979

Complementary

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



18.4196, 10.0435, -24.8770



33.2656, -8.5133, 15.9241

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.



18.4199, -15.3661, 8.3533



18.4196, 10.0435, -24.8770



18.4199, -0.7769, 12.3920

Square

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



18.4199, 10.0436, -24.8764



18.4199, 20.1612, 8.1719



18.4199, -9.9048, 11.3790



18.4199, -15.5026, -11.1762

Rectangle

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



18.4196, 10.0435, -24.8770



18.4199, 23.4220, -2.8947



18.4199, -9.9048, 11.3790



18.4199, -16.9515, 4.1992

Sweetspot

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



18.4199, 10.0436, -24.8764



38.2997, 1.7140, -6.3794



30.5675, -11.4410, -3.3009



18.8052, 1.0333, -3.5698



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



18.4199, 10.0436, -24.8764



20.1547, 17.9414, -44.2932



20.5289, 15.8643, -19.7352



15.8877, -0.0906, -0.8296



11.0907, 29.5811, -74.9097



25.3108, 68.1305, -175.7730

Inverse Universe

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



22.8222, 21.4113, -12.4652



27.4930, 34.3780, -19.9567



31.5455, -15.0298, 14.5088



16.2034, 0.9626, -0.2613



21.0916, 40.8169, -22.7805



48.6897, 94.1320, -51.8657

Previews

White Background



This preview shows how the HunterLab color 18.4196, 10.0435, -24.8770 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



This preview shows how the HunterLab color 18.4196, 10.0435, -24.8770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

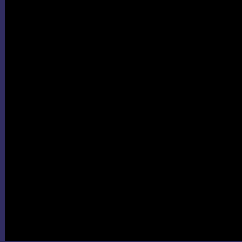
Any Text WCAG AA × Fail

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 18.4196, 10.0435, -24.8770 Background



This preview shows how black text looks on a background with the HunterLab color 18.4196, 10.0435, -24.8770.



This preview shows how white text looks on a background with the HunterLab color 18.4196, 10.0435, -24.8770.

-24.8770.

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

18.4196, 10.0435, -24.8770

Protanopia

18.3551, 4.7192, -29.2113

Deuteranopia

18.2661, -0.2170, -22.3625



Tritanopia

18.6016, -4.1976, -1.7995

Trichromacy



Original Color

18.4196, 10.0435, -24.8770

Protanomaly

18.1527, 6.2273, -28.0843

Deuteranomaly

17.9387, 2.5432, -23.9022

Tritanomaly

18.2782, 0.6430, -9.1722

Monochromacy



Original Color

18.4196, 10.0435, -24.8770

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.2148, 2.4912, -6.5338

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4196, 10.0435, -24.8770 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(49, 45, 97)` looks like.

```
.text, #text, p{  
    color:rgb(49, 45, 97)  
}
```

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(49, 45, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 45, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4196, 10.0435, -24.8770 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(49, 45, 97) }
```


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

```
.border{ border-color:rgb(49, 45, 97) }
```

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

Here you see how a box with a 4 pixel rgb(49, 45, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 45, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 45, 97);  
box-shadow:4px 4px 4px 4px rgb(49, 45, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.4196, 10.0435, -24.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 45, 97) }
```

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

```
.background{ background-color: rgb(49, 45,  
97) }
```

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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