

Converting Colors

HunterLab(29.0373, 10.6479,
-40.3775)

Have a look what the booklet for
HunterLab(29.0373, 10.6479,
-40.3775) contains.

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Color

**HunterLab(29.1029, 10.4235,
-39.8113)**

Conversions

Conversions Part 1

Format	Color
Hex	3D4D95
RGB	61, 77, 149
RGB Percent	24%, 30%, 58%
CMY	0.7608, 0.6980, 0.4157
CMYK	0.59, 0.48, 0.00, 0.42
HSL	229°, 42%, 41%
HSV	229°, 59%, 58%
XYZ	10.0032, 8.4698, 29.5414
YIQ	80.4240, -32.6480, 19.0000

Conversions

Conversions Part 2

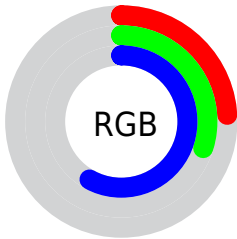
Format	Color
R _Y B	61, 75, 149
Decimal	4017557
CIE Lab	34.94, 16.49, -41.64
CIE LCh	35, 44.788, 291.600
Yxy	8.4701, 0.2083, 0.1764
Android (android.graphics.Color)	4282207637 (0xFF3D4D95)
YUV	80.4240, 33.8080, -17.0348
Hunter-Lab	29.1029, 10.4235, -39.8113

Details

The HunterLab color $29.1029, 10.4235, -39.8113$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $48.4797, -5.2170, 24.3815$, and the grayscale version is $28.3672, -1.5136, 1.5412$.

A 20% lighter version of the original color is $47.9524, 11.2377, -40.8886$, and $14.2334, 9.9131, -39.1900$ is the 20% darker color. If you saturate the color by 10%, you get $25.5185, 14.3493, -50.0881$, and if you desaturate by 10%, it is $32.9838, 7.1443, -30.6618$.

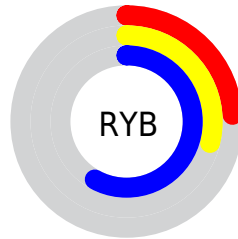
Distribution



Red (24%)

Green (30%)

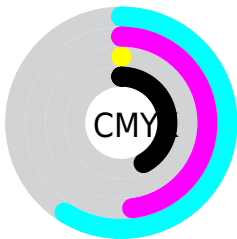
Blue (58%)



Red (24%)

Yellow (29%)

Blue (58%)

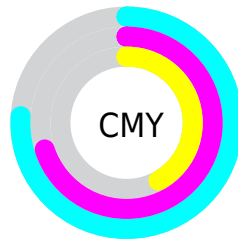


Cyan (59%)

Magenta (48%)

Yellow (0%)

Black (42%)



Cyan (76%)

Magenta (70%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1029, 10.4235, -39.8113 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 29.1029, 10.4235, -39.8113 by changing the saturation by 10% instead.

■ 29.1029, 10.4235, -39.8113	■ 29.1029, 10.4235, -39.8113
133.9305, 11.8534, -45.2108	■ 20.9694, 9.8117, -39.7267
■ 47.8277, 11.2912, -40.8863	■ 13.7772, 9.0482, -40.5627
■ 58.2887, 11.5796, -41.5625	■ 7.3976, 9.3797, -46.0942
■ 69.4175, 11.7868, -42.2479	0.0000, NaN, -NF
■ 81.1763, 11.9215, -42.9162	0.0000, NaN, -NF
■ 93.5329, 11.9903, -43.5528	0.0000, NaN, NaN
106.4598, 11.9990,	0.0000, NaN, NaN

-44.1499

0.0000, NaN, NaN

119.9327, 11.9520,
-44.7032

■ 29.1029, 10.4235,
-39.8113

■ 29.1029, 10.4235,
-39.8113

■ 25.5185, 14.3493,
-50.0881

■ 32.9838, 7.1443,
-30.6618

■ 22.3068, 18.9927,
-61.4977

■ 37.1029, 4.4007,
-22.4975

■ 19.5686, 24.2896,
-73.6676

■ 41.4187, 2.0880,
-15.1441

■ 17.3802, 29.8026,
-85.7672

■ 45.9004, 0.1182,
-8.4427

■ 17.1981, 30.2965,
-86.8975

■ 50.5250, -1.5785,
-2.2610

■ 55.2747, -3.0563,
3.5070

■ 60.1357, -4.3575,
8.9449

■ 65.0970, -5.5145,
14.1184

■ 70.1496, -6.5530,
19.0789

Harmonies

Analogous

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



29.1034, -5.8379, -43.6033



29.1029, 10.4235, -39.8113



29.1034, 26.1102, -22.5198

Triad

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



29.1034, 10.4239, -39.8105



29.1034, 19.6906, 16.3064



29.1034, -25.8184, 5.4777

Complementary

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



29.1029, 10.4235, -39.8113



48.4797, -5.2170, 24.3815

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.



29.1034, -21.6493, 14.3792



29.1029, 10.4235, -39.8113



29.1034, 2.9920, 18.0859

Square

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



29.1034, 10.4239, -39.8105



29.1034, 32.2014, 10.3028



29.1034, -11.8626, 17.6398



29.1034, -24.6555, -11.1066

Rectangle

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



29.1029, 10.4235, -39.8113



29.1034, 33.0209, -9.0264



29.1034, -11.8626, 17.6398



29.1034, -25.0327, 9.2744

Sweetspot

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



29.1034, 10.4239, -39.8105



61.8479, -0.0098, -10.7051



49.1702, -24.7084, 3.1662



28.3528, 0.3041, -6.1221



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



29.1034, 10.4239, -39.8105



32.6336, 21.1960, -72.0359



27.6140, 24.0812, -43.6133



24.0696, -0.7424, -1.1182



15.8837, 27.4275, -79.0612



2.5021, 1.0438, -5.3807

Inverse Universe

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



32.0366, 29.7583, 7.2674



38.5852, 48.6569, 12.6010



50.8987, -20.7076, 25.8575



24.1487, 0.9170, 1.5088



23.3410, 40.2735, 12.7470



2.6436, 4.6809, 0.5167

Previews

White Background



This preview shows how the HunterLab color 29.1029, 10.4235, -39.8113 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 29.1029, 10.4235, -39.8113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

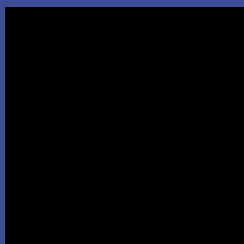
Any Text WCAG AA × Fail

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 29.1029, 10.4235, -39.8113 Background



This preview shows how black text looks on a background with the HunterLab color 29.1029, 10.4235, -39.8113.



This preview shows how white text looks on a background with the HunterLab color 29.1029, 10.4235, -39.8113.

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

29.1029, 10.4235, -39.8113

Protanopia

29.2613, 7.4668, -42.0293

Deuteranopia

28.9459, 1.9198, -38.6709



Tritanopia

29.0171, -10.6140, -5.4136

Trichromacy



Original Color

29.1029, 10.4235, -39.8113

Protanomaly

29.2064, 8.4601, -41.2907

Deuteranomaly

28.8080, 4.2560, -39.8362

Tritanomaly

28.8770, -4.0036, -16.2011

Monochromacy



Original Color

29.1029, 10.4235, -39.8113

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.3343, 1.4017, -10.4816

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1029, 10.4235, -39.8113 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(61, 77, 149)` looks like.

```
.text, #text, p{  
    color:rgb(61, 77, 149)  
}
```

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(61, 77, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 77, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1029, 10.4235, -39.8113 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(61, 77, 149) }
```


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

```
.border{ border-color:rgb(61, 77, 149) }
```

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

Here you see how a box with a 4 pixel rgb(61, 77, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 77, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 77, 149);  
box-shadow:4px 4px 4px 4px rgb(61, 77,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.1029, 10.4235, -39.8113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 77, 149) }
```

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

```
.background{ background-color: rgb(61, 77,  
149) }
```

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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