

Converting Colors

HunterLab(29.3774, 0.3464,
-26.7250)

Have a look what the booklet for
HunterLab(29.3774, 0.3464,
-26.7250) contains.

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Color

**HunterLab(29.3121, 0.3814,
-26.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5485
RGB	45, 84, 133
RGB Percent	18%, 33%, 52%
CMY	0.8235, 0.6706, 0.4784
CMYK	0.66, 0.37, 0.00, 0.48
HSL	213°, 49%, 35%
HSV	213°, 66%, 52%
XYZ	8.4862, 8.5920, 23.4015
YIQ	77.9250, -38.9730, 6.9710

Conversions

Conversions Part 2

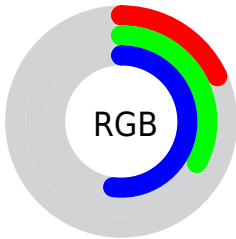
Format	Color
RYB	45, 72, 133
Decimal	2970757
CIELab	35.19, 2.84, -31.55
CIELCh	35, 31.675, 275.150
Yxy	8.5923, 0.2096, 0.2123
Android (android.graphics.Color)	4281160837 (0xFF2D5485)
YUV	77.9250, 27.1520, -28.8752
Hunter-Lab	29.3121, 0.3814, -26.8160

Details

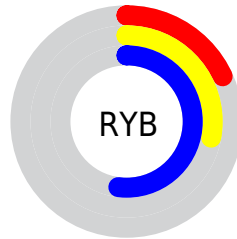
The HunterLab color $29.3121, 0.3814, -26.8160$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $36.3074, 6.0274, 18.4230$, and the grayscale version is $27.4909, -1.4668, 1.4936$.

A 20% lighter version of the original color is $47.9891, -0.2678, -27.8279$, and $14.6360, 2.6832, -24.0860$ is the 20% darker color. If you saturate the color by 10%, you get $26.9204, 2.2600, -32.2449$, and if you desaturate by 10%, it is $31.8656, -1.0233, -21.6708$.

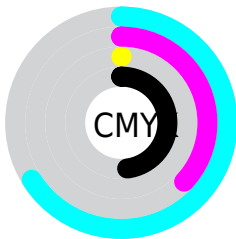
Distribution



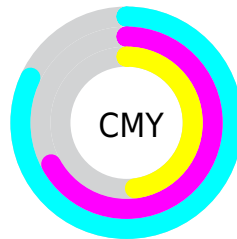
- Red (18%)
- Green (33%)
- Blue (52%)



- Red (18%)
- Yellow (28%)
- Blue (52%)



- Cyan (66%)
- Magenta (37%)
- Yellow (0%)
- Black (48%)



- Cyan (82%)
- Magenta (67%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3121, 0.3814, -26.8160 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 29.3121, 0.3814, -26.8160 by changing the saturation by 10% instead.

■ 29.3121, 0.3814,
-26.8160

■ 29.3121, 0.3814,
-26.8160

■ 134.2783, -3.9642,
-30.9494

■ 21.1571, 0.6222,
-26.3354

■ 48.0746, -0.2795,
-27.9922

■ 13.9404, 0.7880,
-26.1914

■ 58.5523, -0.6865,
-28.5619

■ 7.5779, 1.2300,
-28.2919

■ 69.6969, -1.1381,
-29.0894

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.4706, -1.6309,
-29.5669

0.0000, NaN, NaN

■ 93.8415, -2.1620,
-29.9917

0.0000, NaN, NaN

■ 106.7819, -2.7292,

0.0000, NaN, NaN

-30.3632

0.0000, NaN, NaN

120.2679, -3.3305,
-30.6820

■ 29.3121, 0.3814,
-26.8160

■ 29.3121, 0.3814,
-26.8160

■ 26.9204, 2.2600,
-32.2449

■ 31.8656, -1.0233,
-21.6708

■ 24.7094, 4.6573,
-37.9386

■ 34.5606, -2.0101,
-16.8077

■ 22.6894, 7.5623,
-43.8726

■ 37.3813, -2.6339,
-12.2080

■ 21.9438, 8.7340,
-46.2821

■ 40.3135, -2.9452,
-7.8467

■ 43.3453, -2.9882,
-3.6965

■ 46.4666, -2.8005,
0.2690

■ 49.6688, -2.4141,
4.0744

■ 52.9447, -1.8555,
7.7418

■ 56.2882, -1.1469,
11.2905

Harmonies

Analogous

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



29.3126, -10.0347, -23.5677



29.3121, 0.3814, -26.8160



29.3126, 11.8126, -20.4313

Triad

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



29.3126, 0.3817, -26.8153



29.3126, 18.0836, 11.0689



29.3126, -18.5792, 8.9316

Complementary

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



29.3121, 0.3814, -26.8160



36.3074, 6.0274, 18.4230

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.



29.3126, -12.9055, 13.8445



29.3121, 0.3814, -26.8160



29.3126, 7.9896, 14.7164

Square

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



29.3126, 0.3817, -26.8153



29.3126, 22.9621, 3.3660



29.3126, -3.4634, 15.4988



29.3126, -19.9931, -0.2927

Rectangle

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



29.3121, 0.3814, -26.8160



29.3126, 18.1637, -12.5986



29.3126, -3.4634, 15.4988



29.3126, -17.1533, 11.0139

Sweetspot

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



29.3126, 0.3817, -26.8153



56.2477, -4.0147, -7.2984



42.5801, -26.4584, 11.2240



26.2398, -1.8975, -4.0934



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



29.3126, 0.3817, -26.8153



34.6221, 4.4219, -46.6402



20.5759, 20.0206, -50.9131



22.0433, -1.3934, -0.4299



21.4529, 8.4470, -45.0489



1.7355, -0.3387, -1.4381

Inverse Universe

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



27.3931, 31.6368, -0.7211



33.2899, 49.6738, 1.1881



46.4765, -12.7625, 25.2474



21.7266, 1.0191, 0.7288



22.4756, 39.8328, 4.1157



1.3759, 2.5363, -0.5061

Previews

White Background



This preview shows how the HunterLab color 29.3121, 0.3814, -26.8160 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 29.3121, 0.3814, -26.8160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

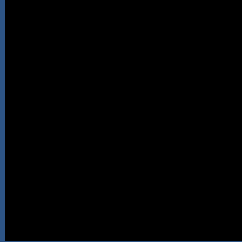
Any Text WCAG AA × Fail

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 29.3121, 0.3814, -26.8160 Background



This preview shows how black text looks on a background with the HunterLab color 29.3121, 0.3814, -26.8160.



This preview shows how white text looks on a background with the HunterLab color 29.3121, 0.3814, -26.8160.

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

29.3121, 0.3814, -26.8160

Protanopia

29.3028, 4.0683, -24.6039

Deuteranopia

29.3429, 1.8363, -26.7245



Tritanopia

29.2338, -12.6977, -5.6441

Trichromacy



Original Color

29.3121, 0.3814, -26.8160

Protanomaly

29.2286, 2.6000, -25.5011

Deuteranomaly

29.2112, 1.3926, -27.0155

Tritanomaly

29.0146, -8.1782, -12.9959

Monochromacy



Original Color

29.3121, 0.3814, -26.8160

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.8880, -1.9514, -7.4162

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3121, 0.3814, -26.8160 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(45, 84, 133)` looks like.

```
.text, #text, p{  
    color:rgb(45, 84, 133)  
}
```

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(45, 84, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 84, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3121, 0.3814, -26.8160 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(45, 84, 133) }
```


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

```
.border{ border-color:rgb(45, 84, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 84, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 84, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 84, 133);  
box-shadow:4px 4px 4px 4px rgb(45, 84,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.3121, 0.3814, -26.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 84, 133) }
```

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

```
.background{ background-color: rgb(45, 84,  
133) }
```

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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