

Converting Colors

HunterLab(37.7140, 16.8560,
-29.4740)

Have a look what the booklet for
HunterLab(37.7140, 16.8560,
-29.4740) contains.

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Color

**HunterLab(37.7140, 16.8560,
-29.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	735EA1
RGB	115, 94, 161
RGB Percent	45%, 37%, 63%
CMY	0.5490, 0.6314, 0.3686
CMYK	0.29, 0.42, 0.00, 0.37
HSL	259°, 26%, 50%
HSV	259°, 42%, 63%
XYZ	17.5060, 14.2235, 35.5410
YIQ	107.9170, -8.9910, 25.2890

Conversions

Conversions Part 2

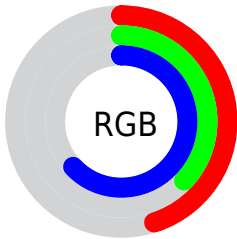
Format	Color
R _Y B	115, 94, 161
Decimal	7560865
CIE Lab	44.55, 23.48, -33.31
CIE LCh	45, 40.751, 305.185
Yxy	14.2240, 0.2602, 0.2114
Android (android.graphics.Color)	4285750945 (0xFF735EA1)
YUV	107.9170, 26.1699, 6.2118
Hunter-Lab	37.7140, 16.8560, -29.4740

Details

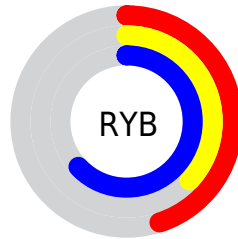
The HunterLab color $37.7140, 16.8560, -29.4740$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $56.4568, -17.9202, 23.3530$, and the grayscale version is $38.5998, -2.0596, 2.0972$.

A 20% lighter version of the original color is $57.9081, 17.8553, -30.5208$, and $20.5600, 15.1666, -28.7876$ is the 20% darker color. If you saturate the color by 10%, you get $33.0879, 22.2264, -39.6423$, and if you desaturate by 10%, it is $42.6463, 11.7282, -20.3942$.

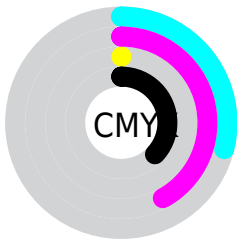
Distribution



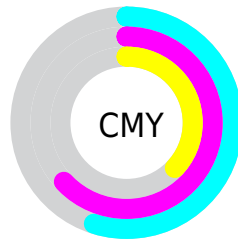
- Red (45%)
- Green (37%)
- Blue (63%)



- Red (45%)
- Yellow (37%)
- Blue (63%)



- Cyan (29%)
- Magenta (42%)
- Yellow (0%)
- Black (37%)



- Cyan (55%)
- Magenta (63%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7140, 16.8560, -29.4740 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 37.7140, 16.8560, -29.4740 by changing the saturation by 10% instead.

37.7140, 16.8560,
-29.4740

37.7140, 16.8560,
-29.4740

147.8580, 20.3309,
-33.6099

28.7691, 16.0043,
-28.8969

57.8671, 18.2053,
-30.6862

20.6699, 15.0123,
-28.4700

68.9705, 18.7310,
-31.2520

13.5171, 13.8624,
-28.4867

80.7053, 19.1713,
-31.7724

7.0992, 14.4867,
-31.9528

93.0392, 19.5342,
-32.2428

0.0000, INF, -NF

0.0000, NaN, -NF

105.9442, 19.8264,
-32.6613

0.0000, NaN, NaN

119.3963, 20.0536,

0.0000, NaN, NaN

-33.0281

0.0000, NaN, NaN

133.3739, 20.2204,
-33.3439

■ 37.7140, 16.8560,
-29.4740

■ 37.7140, 16.8560,
-29.4740

■ 33.0879, 22.2264,
-39.6423

■ 42.6463, 11.7282,
-20.3942

■ 28.8421, 27.8063,
-51.0552

■ 47.8271, 6.8242,
-12.2096

■ 25.0813, 33.4274,
-63.6672

■ 53.2170, 2.1072,
-4.7374

■ 21.9393, 38.6575,
-76.9272

■ 58.7857, -2.4601,
2.1727

■ 19.5613, 42.7010,
-89.3989

■ 64.5105, -6.9108,
8.6403

■ 18.0643, 45.1801,
-98.7476

■ 70.3738, -11.2724,
14.7588

■ 76.3615, -15.5669,
20.6007

■ 82.4624, -19.8121,
26.2227

■ 88.6671, -24.0219,
31.6688

Harmonies

Analogous

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



37.7147, 0.7324, -38.8090



37.7140, 16.8560, -29.4740



37.7147, 29.2266, -11.9801

Triad

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



37.7147, 16.8556, -29.4729



37.7147, 11.4066, 19.8454



37.7147, -27.4621, -0.6154

Complementary

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



37.7140, 16.8560, -29.4740



56.4568, -17.9202, 23.3530

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.



37.7147, -25.5450, 12.1655



37.7140, 16.8560, -29.4740



37.7147, -4.6847, 20.8394

Square

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



37.7147, 16.8556, -29.4729



37.7147, 25.7396, 15.0632



37.7147, -17.7770, 18.7115



37.7147, -23.5169, -18.3472

Rectangle

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



37.7140, 16.8560, -29.4740



37.7147, 32.7383, -0.4197



37.7147, -17.7770, 18.7115



37.7147, -27.4741, 4.3687

Sweetspot

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



37.7147, 16.8556, -29.4729



70.7690, 3.1998, -6.9280



48.9629, -10.7322, -10.8475



32.7332, 1.8468, -3.7861



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



37.7147, 16.8556, -29.4729



44.6828, 29.2494, -52.0819



41.0339, 26.4006, -22.9729



26.3868, 0.4976, -1.4897



16.2043, 40.4327, -87.8409



2.8158, 6.3557, -10.0684

Inverse Universe

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



41.8048, 26.9039, -8.9579



51.7004, 44.8583, -14.6578



54.2669, -26.2953, 21.4082



26.7660, 1.6382, 0.1183



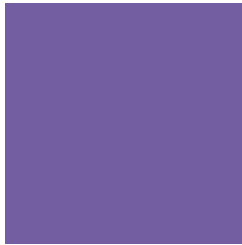
26.3963, 48.6749, -9.8449



3.9285, 7.4193, -2.8233

Previews

White Background



This preview shows how the HunterLab color 37.7140, 16.8560, -29.4740 looks on a white background.

Color Contrast Check

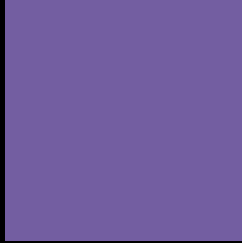
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 37.7140, 16.8560, -29.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

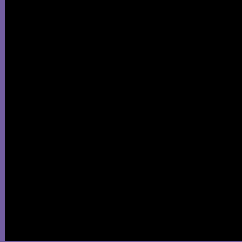
Any Text WCAG AA × Fail

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 37.7140, 16.8560, -29.4740 Background



This preview shows how black text looks on a background with the HunterLab color 37.7140, 16.8560, -29.4740.



This preview shows how white text looks on a background with the HunterLab color 37.7140, 16.8560, -29.4740.

-29.4740.

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

37.7140, 16.8560, -29.4740

Protanopia

37.7764, 6.2808, -35.5253

Deuteranopia

37.8889, 2.9620, -27.9293



Tritanopia

37.8940, -0.4802, -1.1021

Trichromacy



Original Color

37.7140, 16.8560, -29.4740

Protanomaly

37.6758, 9.6554, -33.3883

Deuteranomaly

37.6465, 7.6734, -29.0461

Tritanomaly

37.6434, 5.2027, -9.9767

Monochromacy



Original Color

37.7140, 16.8560, -29.4740

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.2261, 4.2529, -7.5136

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7140, 16.8560, -29.4740 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(115, 94, 161)` looks like.

```
.text, #text, p{  
    color:rgb(115, 94, 161)  
}
```

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(115, 94, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 94, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7140, 16.8560, -29.4740 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(115, 94, 161) }
```


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

```
.border{ border-color:rgb(115, 94, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 94, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 94, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 94, 161); box-shadow:4px 4px 4px 4px rgb(115, 94, 161) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7140, 16.8560, -29.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 94, 161) }
```

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

```
.background{ background-color: rgb(115, 94,  
161) }
```

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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