

Converting Colors

HunterLab(37.4700, -7.5173,
-28.2991)

Have a look what the booklet for
HunterLab(37.4700, -7.5173,
-28.2991) contains.

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Color

**HunterLab(37.4125, -7.4297,
-28.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	156F9E
RGB	21, 111, 158
RGB Percent	8%, 44%, 62%
CMY	0.9176, 0.5647, 0.3804
CMYK	0.87, 0.30, 0.00, 0.38
HSL	201°, 77%, 35%
HSV	201°, 87%, 62%
XYZ	12.1653, 13.9970, 34.4083
YIQ	89.4480, -68.7270, -4.4630

Conversions

Conversions Part 2

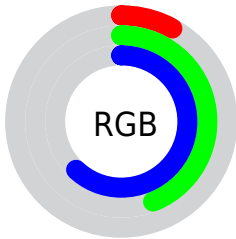
Format	Color
R_{YB}	21, 75, 158
Decimal	1404830
CIE _{Lab}	44.23, -7.63, -32.38
CIE _{LCh}	44, 33.270, 256.749
Yxy	13.9974, 0.2008, 0.2311
Android (android.graphics.Color)	4279594910 (0xFF156F9E)
YUV	89.4480, 33.7961, -60.0289
Hunter-Lab	37.4125, -7.4297, -28.3403

Details

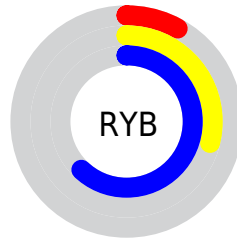
The HunterLab color **37.4125, -7.4297, -28.3403** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **33.8519, 26.7312, 20.0834**, and the grayscale version is **31.6714, -1.6899, 1.7208**.

A 20% lighter version of the original color is **57.3760, -9.1166, -29.8555**, and **21.6965, -1.4824, -23.9187** is the 20% darker color. If you saturate the color by 10%, you get **35.6708, -5.6386, -31.8856**, and if you desaturate by 10%, it is **39.3026, -8.7286, -24.7335**.

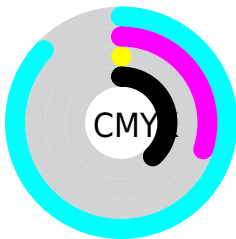
Distribution



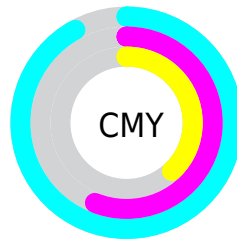
- Red (8%)
- Green (44%)
- Blue (62%)



- Red (8%)
- Yellow (29%)
- Blue (62%)



- Cyan (87%)
- Magenta (30%)
- Yellow (0%)
- Black (38%)



- Cyan (92%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4125, -7.4297, -28.3403 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 37.4125, -7.4297, -28.3403 by changing the saturation by 10% instead.

37.4125, -7.4297,
-28.3403

37.4125, -7.4297,
-28.3403

147.3821,
-16.6025, -32.3130

28.4936, -6.4523,
-27.7630

57.5191, -9.3868,
-29.5311

20.4233, -5.4643,
-27.3203

68.6015, -10.3772,
-30.0802

13.3031, -4.4460,
-27.2915

80.3165, -11.3791,
-30.5819

6.8425, -5.2219,
-31.0984

92.6314, -12.3941,
-31.0321

0.0000, NaN, -NF

0.0000, NaN, -NF

105.5184,
-13.4233, -31.4297

0.0000, NaN, NaN

118.9531,

0.0000, NaN, NaN

-14.4675, -31.7750

0.0000, NaN, NaN

132.9140,
-15.5271, -32.0689

■ 37.4125, -7.4297,
-28.3403

■ 37.4125, -7.4297,
-28.3403

■ 35.6708, -5.6386,
-31.8856

■ 39.3026, -8.7286,
-24.7335

■ 35.1101, -5.0057,
-33.0787

■ 41.3471, -9.5000,
-21.0743

■ 43.5428, -9.7556,
-17.3867

■ 45.8830, -9.5236,
-13.6941

■ 48.3595, -8.8407,
-10.0155

■ 50.9634, -7.7473,
-6.3654

■ 53.6860, -6.2840,
-2.7537

■ 56.5186, -4.4895,
0.8137

■ 59.4534, -2.3995,
4.3337

Harmonies

Analogous

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



37.4131, -17.2943, -19.1248



37.4125, -7.4297, -28.3403



37.4131, 5.2974, -27.7107

Triad

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



37.4131, -7.4293, -28.3395



37.4131, 24.3552, 8.1279



37.4131, -18.1655, 14.7066

Complementary

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



37.4125, -7.4297, -28.3403



33.8519, 26.7312, 20.0834

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.



37.4131, -8.7745, 18.1437



37.4125, -7.4297, -28.3403



37.4131, 16.2343, 15.3063

Square

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



37.4131, -7.4293, -28.3395



37.4131, 24.8421, -3.6850



37.4131, 3.7614, 18.3187



37.4131, -22.9124, 6.9764

Rectangle

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



37.4125, -7.4297, -28.3403



37.4131, 13.7510, -21.7483



37.4131, 3.7614, 18.3187



37.4131, -15.5084, 16.2710

Sweetspot

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



37.4131, -7.4293, -28.3395



68.7460, -10.4070, -8.4845



50.0150, -39.2027, 23.8977



32.0908, -5.1976, -4.7854



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.



37.4131, -7.4293, -28.3395



46.9064, -6.1025, -45.4554



21.0196, 25.8552, -77.8397



26.6943, -2.3811, -0.0435



31.5404, -4.6673, -29.3474



5.0352, -1.8112, -2.3836

Inverse Universe

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



29.9229, 50.4679, -10.4773



38.6901, 70.8289, -10.4328



49.6979, -4.6354, 29.6951



25.9150, 1.5373, 0.2111



25.7419, 47.2096, -7.5968



3.5514, 6.7020, -2.5127

Previews

White Background



This preview shows how the HunterLab color 37.4125, -7.4297, -28.3403 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 37.4125, -7.4297, -28.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

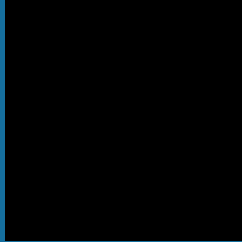
Any Text WCAG AA × Fail

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 37.4125, -7.4297, -28.3403 Background



This preview shows how black text looks on a background with the HunterLab color 37.4125, -7.4297, -28.3403.



This preview shows how white text looks on a background with the HunterLab color 37.4125, -7.4297, -28.3403.

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

37.4125, -7.4297, -28.3403

Protanopia

37.1643, 3.9423, -23.7395

Deuteranopia

37.4386, 2.9294, -29.5481



Tritanopia

37.3784, -17.9102, -8.0569

Trichromacy



Original Color

37.4125, -7.4297, -28.3403

Protanomaly

36.7780, -1.2733, -26.6448

Deuteranomaly

37.2672, -1.9786, -29.2551

Tritanomaly

37.2725, -14.3058, -14.9307

Monochromacy



Original Color

37.4125, -7.4297, -28.3403

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.9458, -6.5836, -8.4634

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4125, -7.4297, -28.3403 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(21, 111, 158)` looks like.

```
.text, #text, p{  
    color:rgb(21, 111, 158)  
}
```

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(21, 111, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 111, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4125, -7.4297, -28.3403 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(21, 111, 158) }
```


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

```
.border{ border-color:rgb(21, 111, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 111, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 111, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 111, 158);  
box-shadow:4px 4px 4px 4px rgb(21, 111,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4125, -7.4297, -28.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 111, 158) }
```

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

```
.background{ background-color: rgb(21, 111,  
158) }
```

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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