

Converting Colors

HunterLab(37.7126, -4.1390,
21.3497)

Have a look what the booklet for
HunterLab(37.7126, -4.1390,
21.3497) contains.

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Color

**HunterLab(37.6629, -4.2073,
21.3042)**

Conversions

Conversions Part 1

Format	Color
Hex	78691D
RGB	120, 105, 29
RGB Percent	47%, 41%, 11%
CMY	0.5294, 0.5882, 0.8863
CMYK	0.00, 0.12, 0.76, 0.53
HSL	50°, 61%, 29%
HSV	50°, 76%, 47%
XYZ	13.0191, 14.1849, 3.2142
YIQ	100.8210, 33.3360, -20.4560

Conversions

Conversions Part 2

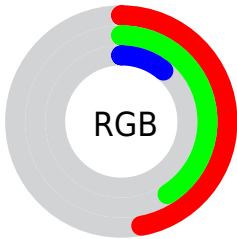
Format	Color
R_{YB}	47, 120, 29
Decimal	7891229
CIE _{Lab}	44.50, -3.02, 42.49
CIE _{LCh}	44, 42.601, 94.070
Yxy	14.1856, 0.4280, 0.4663
Android (android.graphics.Color)	4286081309 (0xFF78691D)
YUV	100.8210, -35.4078, 16.8200
Hunter-Lab	37.6629, -4.2073, 21.3042

Details

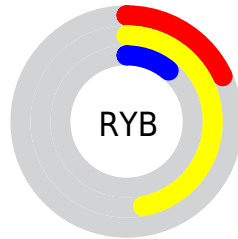
The HunterLab color $[37.6629, -4.2073, 21.3042]$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $[18.4893, 13.9601, -45.3433]$, and the grayscale version is $[36.1280, -1.9277, 1.9629]$.

A 20% lighter version of the original color is $[57.8406, -5.6181, 27.9603]$, and $[20.7155, -2.0670, 12.7286]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.0664, -3.7084, 21.9268]$, and if you desaturate by 10%, it is $[38.2944, -4.5465, 20.2689]$.

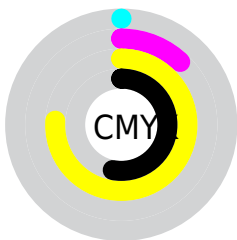
Distribution



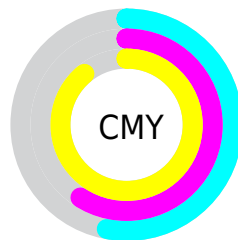
- Red (47%)
- Green (41%)
- Blue (11%)



- Red (18%)
- Yellow (47%)
- Blue (11%)



- Cyan (0%)
- Magenta (12%)
- Yellow (76%)
- Black (53%)



- Cyan (53%)
- Magenta (59%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6629, -4.2073, 21.3042 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 37.6629, -4.2073, 21.3042 by changing the saturation by 10% instead.

■ 37.6629, -4.2073,
21.3042

■ 37.6629, -4.2073,
21.3042

147.7777,
-11.3825, 47.6574

■ 28.7226, -3.5368,
17.6181

■ 57.8083, -5.6294,
28.0012

■ 20.6283, -2.8891,
14.4398

■ 68.9082, -6.3781,
31.0965

■ 13.4809, -2.2622,
9.4366

■ 80.6397, -7.1520,
34.0652

■ 7.0566, -2.2440,
4.9396

■ 92.9703, -7.9507,
36.9300

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.8724, -8.7736,
39.7088

0.0000, NaN, NaN

■ 119.3215, -9.6202,

0.0000, NaN, NaN

42.4158

0.0000, NaN, NaN

133.2963,
-10.4900, 45.0622

37.6629, -4.2073,
21.3042

37.6629, -4.2073,
21.3042

37.0664, -3.7084,
21.9268

38.2944, -4.5465,
20.2689

36.4976, -3.0719,
22.2025

38.9597, -4.7117,
18.7981

36.2635, -2.7968,
22.2964

39.6607, -4.6983,
16.8798

40.3979, -4.5029,
14.5089

41.1716, -4.1247,
11.6865

■ 41.9818, -3.5646,
8.4180

■ 42.8281, -2.8250,
4.7125

■ 43.7101, -1.9098,
0.5820

■ 44.6273, -0.8237,
-3.9591

Harmonies

Analogous

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



37.6638, 12.6844, 20.2066



37.6629, -4.2073, 21.3042



37.6638, -17.9995, 19.3208

Triad

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



37.6638, -4.2088, 21.3045



37.6638, -24.6016, -18.7493



37.6638, 30.4942, -13.4421

Complementary

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



37.6629, -4.2073, 21.3042



18.4893, 13.9601, -45.3433

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.



37.6638, 17.1875, -31.9188



37.6629, -4.2073, 21.3042



37.6638, -14.7511, -35.7887

Square

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



37.6638, -4.2088, 21.3045



37.6638, -28.4365, -0.1262



37.6638, 0.2370, -41.4171



37.6638, 34.5944, 4.1039

Rectangle

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



37.6629, -4.2073, 21.3042



37.6638, -24.1641, 15.6769



37.6638, 0.2370, -41.4171



37.6638, 26.8502, -19.9560

Sweetspot

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



37.6638, -4.2088, 21.3045



54.8417, -5.3229, 14.5673



22.4833, 29.2719, 8.0389



26.5441, -2.6848, 7.6877



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.6638, -4.2088, 21.3045



48.5982, -4.2995, 29.3639



39.5962, -19.1536, 22.3229



21.2765, -1.5428, 2.9833



37.8539, -2.8839, 23.2749



82.0317, -5.2404, 50.4558

Inverse Universe

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



18.4893, 13.9601, -45.3433



19.5499, 28.0170, -82.2456



17.8184, 25.4489, -47.7009



19.9763, -0.5911, -0.8885



14.1451, 25.2082, -72.0973



29.4699, 60.2164, -166.8248

Previews

White Background



This preview shows how the HunterLab color 37.6629, -4.2073, 21.3042 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 37.6629, -4.2073, 21.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

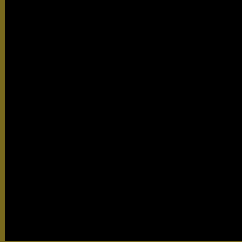
Any Text WCAG AA × Fail

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 37.6629, -4.2073, 21.3042 Background



This preview shows how black text looks on a background with the HunterLab color 37.6629, -4.2073, 21.3042.



This preview shows how white text looks on a background with the HunterLab color 37.6629, -4.2073,

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

37.6629, -4.2073, 21.3042

Protanopia

37.7470, -5.3055, 21.3408

Deuteranopia

37.5750, 2.2719, 21.1478



Tritanopia

37.6983, 7.7675, 1.9200

Trichromacy



Original Color

37.6629, -4.2073, 21.3042

Protanomaly

37.8401, -4.9738, 21.4085

Deuteranomaly

37.6639, -0.0935, 21.2731

Tritanomaly

37.6065, 2.2584, 11.8489

Monochromacy



Original Color

37.6629, -4.2073, 21.3042

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.3303, -3.6082, 11.4600

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6629, -4.2073, 21.3042 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(120, 105, 29)` looks like.

```
.text, #text, p{  
    color:rgb(120, 105, 29)  
}
```

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(120, 105, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 105, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6629, -4.2073, 21.3042 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(120, 105, 29) }
```


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

```
.border{ border-color:rgb(120, 105, 29) }
```

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

Here you see how a box with a 4 pixel rgb(120, 105, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 105, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 105, 29);  
box-shadow:4px 4px 4px 4px rgb(120, 105,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6629, -4.2073, 21.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 105, 29) }
```

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

```
.background{ background-color: rgb(120,  
105, 29) }
```

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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