

Converting Colors

HunterLab(23.7252, -11.7908,
10.0442)

Have a look what the booklet for
HunterLab(23.7252, -11.7908,
10.0442) contains.

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Color

**HunterLab(23.7391,
-11.8050, 10.0499)**

Conversions

Conversions Part 1

Format	Color
Hex	2F4A25
RGB	47, 74, 37
RGB Percent	18%, 29%, 15%
CMY	0.8157, 0.7098, 0.8549
CMYK	0.36, 0.00, 0.50, 0.71
HSL	104°, 33%, 22%
HSV	104°, 50%, 29%
XYZ	3.9550, 5.6354, 2.6295
YIQ	61.7090, -4.2150, -17.2310

Conversions

Conversions Part 2

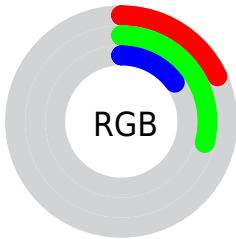
Format	Color
R_{YB}	37, 74, 64
Decimal	3099173
CIE _{Lab}	28.47, -18.43, 18.87
CIE _{LCh}	28, 26.379, 134.332
Yxy	5.6357, 0.3236, 0.4612
Android (android.graphics.Color)	4281289253 (0xFF2F4A25)
YUV	61.7090, -12.1815, -12.8998
Hunter-Lab	23.7391, -11.8050, 10.0499

Details

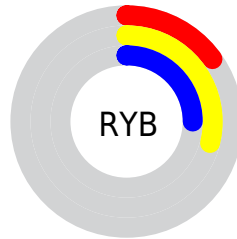
The HunterLab color **23.7391, -11.8050, 10.0499** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **17.0520, 12.1588, -11.8069**, and the grayscale version is **21.8896, -1.1680, 1.1893**.

A 20% lighter version of the original color is **41.4369, -15.3920, 13.5542**, and **9.6361, -8.2630, 5.7931** is the 20% darker color. If you saturate the color by 10%, you get **23.3951, -13.3468, 11.1368**, and if you desaturate by 10%, it is **24.1317, -10.0691, 8.7414**.

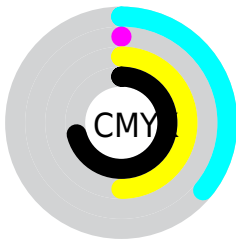
Distribution



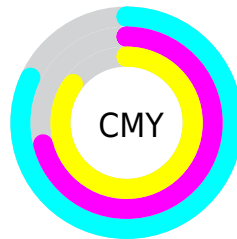
- Red (18%)
- Green (29%)
- Blue (15%)



- Red (15%)
- Yellow (29%)
- Blue (25%)



- Cyan (36%)
- Magenta (0%)
- Yellow (50%)
- Black (71%)



- Cyan (82%)
- Magenta (71%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7391, -11.8050, 10.0499 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 23.7391, -11.8050, 10.0499 by changing the saturation by 10% instead.

■ 23.7391, -11.8050,
10.0499

■ 23.7391, -11.8050,
10.0499

■ 124.8162,
-26.2347, 24.9090

■ 16.2014, -9.8784,
8.0191

■ 41.4372, -15.2954,
13.6960

■ 9.6911, -8.8244,
6.7838

■ 51.4423, -16.9362,
15.3943

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.1439, -18.5353,
17.0419

0.0000, NaN, NaN

■ 73.4991, -20.1051,
18.6535

0.0000, NaN, NaN

■ 85.4724, -21.6543,
20.2394

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.0333, -23.1893,

111.1556,
-24.7149, 23.3621

23.7391, -11.8050,
10.0499

23.7391, -11.8050,
10.0499

23.3951, -13.3468,
11.1368

24.1317, -10.0691,
8.7414

23.0979, -14.6859,
12.0012

24.5713, -8.1473,
7.2153

22.8471, -15.8195,
12.6478

25.0580, -6.0522,
5.4796

22.6402, -16.7542,
13.1010

25.5909, -3.7971,
3.5444

22.4644, -17.5620,
13.5350

26.1689, -1.3963,
1.4218

■ 26.7908, 1.1358,
-0.8750

■ 27.4550, 3.7850,
-3.3322

■ 28.1600, 6.5374,
-5.9361

■ 28.9042, 9.3803,
-8.6732

Harmonies

Analogous

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



23.7396, -5.2452, 12.0762



23.7391, -11.8050, 10.0499



23.7396, -15.2494, 5.1790

Triad

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



23.7396, -11.8055, 10.0501



23.7396, -5.5933, -19.5377



23.7396, 17.0843, 4.8836

Complementary

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



23.7391, -11.8050, 10.0499



17.0520, 12.1588, -11.8069

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.



23.7396, 16.9556, -3.3882



23.7391, -11.8050, 10.0499



23.7396, 2.9897, -19.7070

Square

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



23.7396, -11.8055, 10.0501



23.7396, -12.0287, -12.6307



23.7396, 11.5041, -13.0334



23.7396, 11.8340, 9.9009

Rectangle

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



23.7391, -11.8050, 10.0499



23.7396, -15.6762, 0.0661



23.7396, 11.5041, -13.0334



23.7396, 17.6900, 2.4563

Sweetspot

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



23.7396, -11.8055, 10.0501



33.3737, -6.6990, 6.1362



22.8082, -1.0621, 9.4858



16.7222, -3.5148, 3.2103



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



23.7396, -11.8055, 10.0501



30.7786, -18.0537, 14.9921



23.4109, -12.8657, 7.9085



13.7318, -1.8695, 1.7548



31.2146, -24.7841, 18.8004



75.7235, -61.4548, 45.5846

Inverse Universe

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



17.0520, 12.1588, -11.8069



20.1350, 20.4384, -20.4647



17.8109, 13.6160, -5.9367



13.0667, 0.4778, -0.3567



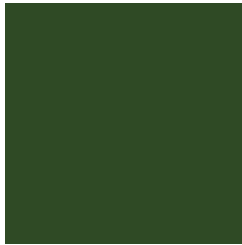
15.5965, 32.8601, -37.6005



37.3537, 79.1885, -93.8400

Previews

White Background



This preview shows how the HunterLab color 23.7391, -11.8050, 10.0499 looks on a white background.

Color Contrast Check

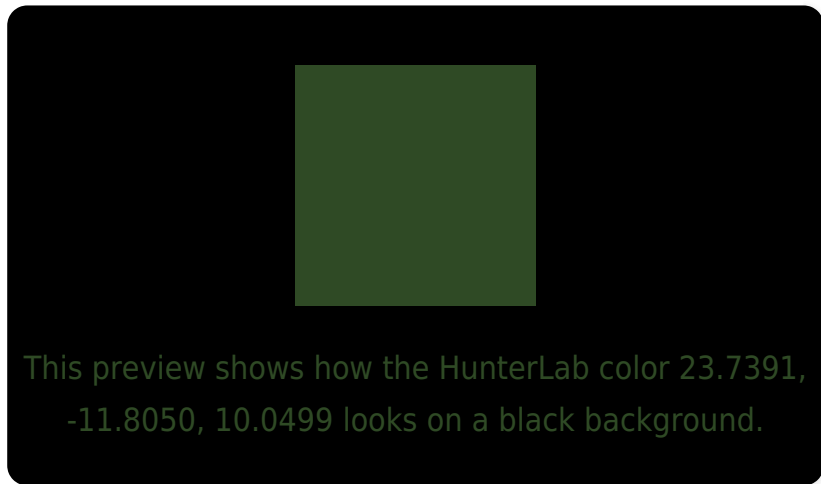
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

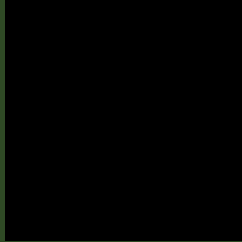
Any Text WCAG AA × Fail

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 23.7391, -11.8050, 10.0499 Background



This preview shows how black text looks on a background with the HunterLab color 23.7391, -11.8050, 10.0499.



This preview shows how white text looks on a background with the HunterLab color 23.7391,

-11.8050, 10.0499.

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

23.7391, -11.8050, 10.0499

Protanopia

23.6464, -2.6217, 10.5379

Deuteranopia

23.5994, 1.1317, 9.5182



Tritanopia

23.8172, -4.3460, -1.9709

Trichromacy



Original Color

23.7391, -11.8050, 10.0499

Protanomaly

23.6594, -6.5259, 10.2819

Deuteranomaly

23.5498, -4.1659, 9.6059

Tritanomaly

23.5525, -7.4095, 3.2694

Monochromacy



Original Color

23.7391, -11.8050, 10.0499

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

22.4128, -5.1502, 4.8105

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7391, -11.8050, 10.0499 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(47, 74, 37)` looks like.

```
.text, #text, p{  
    color:rgb(47, 74, 37)  
}
```

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(47, 74, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 74, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7391, -11.8050, 10.0499 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(47, 74, 37) }
```


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

```
.border{ border-color:rgb(47, 74, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 74, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 74, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 74, 37);  
box-shadow:4px 4px 4px 4px rgb(47, 74, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7391, -11.8050, 10.0499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 74, 37) }
```

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

```
.background{ background-color: rgb(47, 74,  
37) }
```

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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