

Converting Colors

HunterLab(31.7146, -23.5209,
15.7560)

Have a look what the booklet for
HunterLab(31.7146, -23.5209,
15.7560) contains.

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Color

**HunterLab(31.7831,
-23.5699, 15.7512)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 1D6726 |
| RGB | 29, 103, 38 |
| RGB Percent | 11%, 40%, 15% |
| CMY | 0.8863, 0.5961, 0.8510 |
| CMYK | 0.72, 0.00, 0.63, 0.60 |
| HSL | 127°, 56%, 26% |
| HSV | 127°, 72%, 40% |
| XYZ | 5.7068, 10.1017, 3.4828 |
| YIQ | 73.4640, -23.2390, -35.9030 |

Conversions

Conversions Part 2

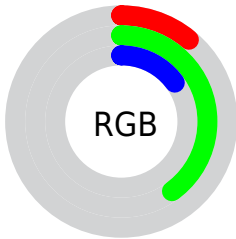
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 29, 95, 103 |
| Decimal | 1926950 |
| CIE Lab | 38.03, -37.07, 29.66 |
| CIE LCh | 38, 47.478, 141.342 |
| Yxy | 10.1021, 0.2958, 0.5236 |
| Android (android.graphics.Color) | 4280117030 (0xFF1D6726) |
| YUV | 73.4640, -17.4838, -38.9949 |
| Hunter-Lab | 31.7831, -23.5699, 15.7512 |

Details

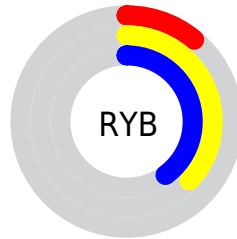
The HunterLab color **31.7831, -23.5699, 15.7512** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **21.3790, 29.8283, -15.6728**, and the grayscale version is **26.0441, -1.3896, 1.4150**.

A 20% lighter version of the original color is **50.9739, -29.6136, 20.8950**, and **16.5299, -14.1744, 9.9375** is the 20% darker color. If you saturate the color by 10%, you get **31.5037, -24.9067, 16.7943**, and if you desaturate by 10%, it is **32.1617, -21.8022, 14.4688**.

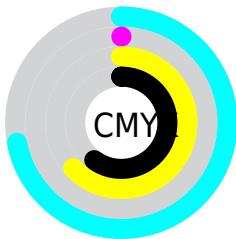
Distribution



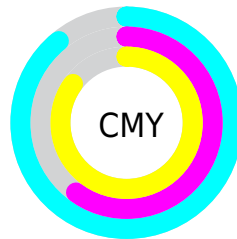
- Red (11%)
- Green (40%)
- Blue (15%)



- Red (11%)
- Yellow (37%)
- Blue (40%)



- Cyan (72%)
- Magenta (0%)
- Yellow (63%)
- Black (60%)



- Cyan (89%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7831, -23.5699, 15.7512 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 31.7831, -23.5699, 15.7512 by changing the saturation by 10% instead.

■ 31.7831, -23.5699,
15.7512

■ 31.7831, -23.5699,
15.7512

138.3470,
-46.9806, 35.8619

■ 23.3810, -20.2523,
12.9528

■ 50.9778, -29.5038,
20.7988

■ 15.8858, -16.5566,
10.7497

■ 61.6490, -32.2372,
23.1361

■ 9.4256, -16.4948,
6.5979

■ 72.9757, -34.8622,
25.3868

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.9219, -37.4013,
27.5698

0.0000, NaN, NaN

■ 97.4570, -39.8713,
29.6992

0.0000, NaN, NaN

■ 110.5546,

0.0000, NaN, NaN

-42.2849, 31.7857

0.0000, NaN, NaN

124.1915,
-44.6520, 33.8377

31.7831, -23.5699,
15.7512

31.7831, -23.5699,
15.7512

31.5037, -24.9067,
16.7943

32.1617, -21.8022,
14.4688

31.3134, -25.8343,
17.5979

32.6426, -19.5985,
12.9529

31.1910, -26.4274,
18.0632

33.2292, -16.9695,
11.2163

33.9227, -13.9366,
9.2766

34.7225, -10.5299,
7.1550

■ 35.6268, -6.7849,
4.8747

■ 36.6328, -2.7406,
2.4594

■ 37.7368, 1.5636,
-0.0677

■ 38.9346, 6.0893,
-2.6850

Harmonies

Analogous

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



31.7838, -12.8323, 19.2754



31.7831, -23.5699, 15.7512



31.7838, -28.1737, 6.1002

Triad

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



31.7838, -23.5703, 15.7514



31.7838, -6.5120, -47.5432



31.7838, 35.2266, 11.1614

Complementary

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



31.7831, -23.5699, 15.7512



21.3790, 29.8283, -15.6728

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.



31.7838, 37.9230, -3.3650



31.7831, -23.5699, 15.7512



31.7838, 11.2184, -43.5639

Square

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



31.7838, -23.5703, 15.7514



31.7838, -19.7884, -33.8163



31.7838, 28.3763, -24.7723



31.7838, 21.6413, 17.7727

Rectangle

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



31.7831, -23.5699, 15.7512



31.7838, -28.0024, -5.0794



31.7838, 28.3763, -24.7723



31.7838, 37.5363, 7.3025

Sweetspot

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



31.7838, -23.5703, 15.7514



46.3716, -14.4727, 9.8099



34.9125, -11.3689, 19.3398



22.8002, -7.5899, 5.1182



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



31.7838, -23.5703, 15.7514



41.9734, -34.2126, 23.2263



32.3499, -20.1137, 7.5014



17.7414, -2.7803, 2.0646



34.9802, -29.6731, 20.3335



79.8400, -68.0557, 47.1197

Inverse Universe

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



21.3790, 29.8283, -15.6728



26.4711, 46.0527, -23.4073



20.1533, 24.7907, 1.3223



16.9811, 1.0012, -0.2055



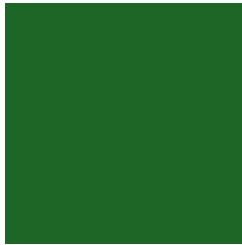
21.3622, 40.9625, -20.1429



48.6976, 93.2385, -44.8283

Previews

White Background



This preview shows how the HunterLab color 31.7831, -23.5699, 15.7512 looks on a white background.

Color Contrast Check

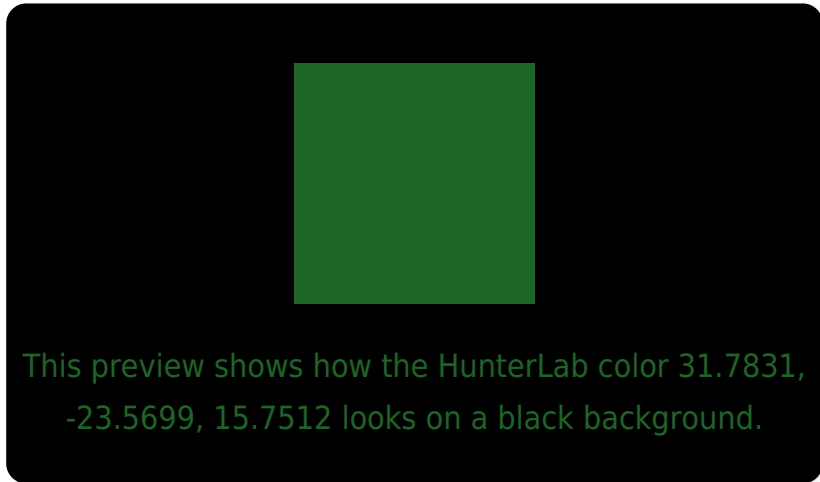
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 31.7831, -23.5699, 15.7512 Background



This preview shows how black text looks on a background with the HunterLab color 31.7831, -23.5699, 15.7512.



This preview shows how white text looks on a background with the HunterLab color 31.7831,

-23.5699, 15.7512.

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

31.7831, -23.5699, 15.7512

Protanopia

31.4848, -4.0356, 16.4802

Deuteranopia

31.6013, 1.8321, 15.2166



Tritanopia

31.6515, -10.5661, -5.2144

Trichromacy



Original Color

31.7831, -23.5699, 15.7512

Protanomaly

30.9558, -13.0583, 15.8006

Deuteranomaly

30.9253, -10.1325, 14.8567

Tritanomaly

31.6150, -16.5682, 4.9580

Monochromacy



Original Color

31.7831, -23.5699, 15.7512

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

27.4531, -11.1554, 7.4886

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7831, -23.5699, 15.7512 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(29, 103, 38)` looks like.

```
.text, #text, p{  
    color:rgb(29, 103, 38)  
}
```

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(29, 103, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 103, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7831, -23.5699, 15.7512 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(29, 103, 38) }
```


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

```
.border{ border-color:rgb(29, 103, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 103, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 103, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 103, 38);  
box-shadow:4px 4px 4px 4px rgb(29, 103,  
38) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7831, -23.5699, 15.7512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 103, 38) }
```

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

```
.background{ background-color: rgb(29, 103,  
38) }
```

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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