

Converting Colors

HunterLab(23.7990, 15.2733,
16.6593)

Have a look what the booklet for
HunterLab(23.7990, 15.2733,
16.6593) contains.

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Color

**HunterLab(23.9732, 15.6727,
15.0466)**

Conversions

Conversions Part 1

Format	Color
Hex	6F3300
RGB	111, 51, 0
RGB Percent	44%, 20%, 0%
CMY	0.5647, 0.8000, 1.0000
CMYK	0.00, 0.54, 1.00, 0.56
HSL	28°, 100%, 22%
HSV	28°, 100%, 44%
XYZ	7.7394, 5.7471, 0.7014
YIQ	63.1260, 52.1310, -3.1410

Conversions

Conversions Part 2

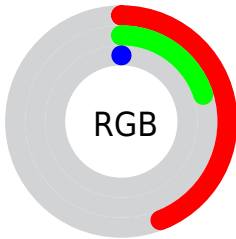
Format	Color
R_{YB}	111, 94, 0
Decimal	7287552
CIE Lab	28.77, 23.76, 39.56
CIE LCh	29, 46.150, 59.013
Yxy	5.7475, 0.5455, 0.4051
Android (android.graphics.Color)	4285477632 (0xFF6F3300)
YUV	63.1260, -31.1211, 41.9855
Hunter-Lab	23.9732, 15.6727, 15.0466

Details

The HunterLab color **23.9732, 15.6727, 15.0466** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **20.9262, 1.6354, -29.6861**, and the grayscale version is **22.4313, -1.1969, 1.2187**.

A 20% lighter version of the original color is **41.7974, 17.2402, 21.9354**, and **9.8539, 13.4781, 6.3079** is the 20% darker color. If you saturate the color by 10%, you get **23.9738, 15.6711, 15.0469**, and if you desaturate by 10%, it is **25.1604, 13.2910, 14.9831**.

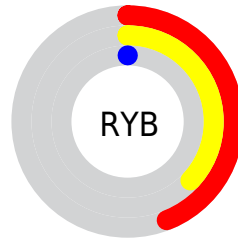
Distribution



Red (44%)

Green (20%)

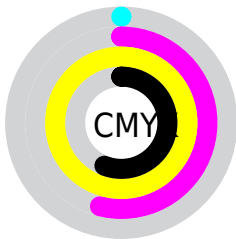
Blue (0%)



Red (44%)

Yellow (37%)

Blue (0%)

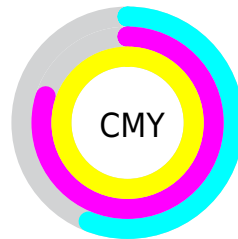


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.9732, 15.6727, 15.0466 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 23.9732, 15.6727, 15.0466 by changing the saturation by 10% instead.

■ 23.9732, 15.6727,
15.0466

■ 23.9732, 15.6727,
15.0466

■ 125.2231, 20.4624,
41.4781

■ 16.4077, 14.5752,
11.4854

■ 41.7191, 17.4262,
21.9529

■ 9.8651, 13.3208,
6.9056

■ 51.7453, 18.1208,
25.0999

0.0000, INF, NaN

0.0000, NaN, NaN

■ 62.4665, 18.7129,
28.0844

0.0000, NaN, NaN

■ 73.8402, 19.2136,
30.9390

0.0000, NaN, NaN

■ 85.8311, 19.6320,
33.6885

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.4088, 19.9756,

36.3521

0.0000, NaN, NaN

■ 111.5471, 20.2506,
38.9447

■ 23.9732, 15.6727,
15.0466

■ 23.9732, 15.6727,
15.0466

■ 23.9738, 15.6711,
15.0469

■ 25.1604, 13.2910,
14.9831

■ 26.4453, 10.9584,
14.7627

■ 27.8344, 8.7657,
14.1928

■ 29.3203, 6.7312,
13.2861

■ 30.8954, 4.8624,
12.0651

■ 32.5524, 3.1594,
10.5562

■ 34.2843, 1.6176,
8.7865

■ 36.0849, 0.2290,
6.7825

■ 37.9485, -1.0159,
4.5684

Harmonies

Analogous

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



23.9739, 29.9514, 11.2423



23.9732, 15.6727, 15.0466



23.9739, -0.7755, 16.1845

Triad

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



23.9739, 15.6709, 15.0469



23.9739, -24.0384, 1.7784



23.9739, 14.5792, -37.8806

Complementary

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



23.9732, 15.6727, 15.0466



20.9262, 1.6354, -29.6861

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.



23.9739, -1.7813, -46.3543



23.9732, 15.6727, 15.0466



23.9739, -21.8362, -16.4417

Square

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



23.9739, 15.6709, 15.0469



23.9739, -21.5201, 11.6496



23.9739, -14.5315, -36.7787



23.9739, 29.2187, -17.8397

Rectangle

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



23.9732, 15.6727, 15.0466



23.9739, -10.0664, 15.7504



23.9739, -14.5315, -36.7787



23.9739, 8.9870, -42.5761

Sweetspot

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



23.9739, 15.6709, 15.0469



45.6850, 2.3255, 11.9637



19.2794, 34.7667, -1.1103



22.0173, 1.4616, 6.2568



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



23.9739, 15.6709, 15.0469



31.6870, 21.9110, 19.9089



36.8435, -8.0197, 22.5624



19.0540, -0.5654, 2.1679



25.9256, 17.2462, 16.2772



56.3869, 42.0662, 35.4818

Inverse Universe

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



20.9262, 1.6354, -29.6861



27.5395, 3.0261, -40.9545



11.2614, 26.7266, -71.7705



18.8977, -1.3999, -0.1584



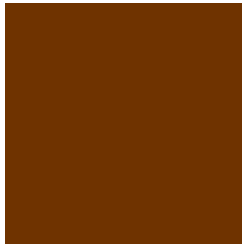
22.6004, 1.9832, -32.5298



48.6857, 7.6530, -77.3735

Previews

White Background



This preview shows how the HunterLab color 23.9732, 15.6727, 15.0466 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

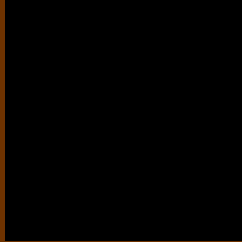
Any Text WCAG AA × Fail

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 23.9732, 15.6727, 15.0466 Background



This preview shows how black text looks on a background with the HunterLab color 23.9732, 15.6727, 15.0466.



This preview shows how white text looks on a background with the HunterLab color 23.9732, 15.6727,

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

23.9732, 15.6727, 15.0466

Protanopia

24.2855, -3.3621, 14.2047

Deuteranopia

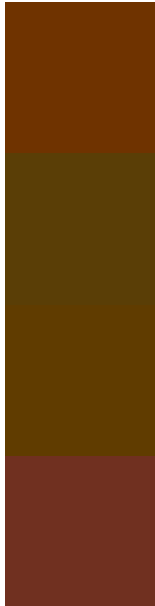
24.0974, 0.9467, 14.8653



Tritanopia

23.9098, 20.0932, 7.3184

Trichromacy



Original Color

23.9732, 15.6727, 15.0466

Protanomaly

23.7320, 3.3871, 14.2524

Deuteranomaly

23.9134, 6.2204, 14.8442

Tritanomaly

23.7969, 18.3613, 11.5804

Monochromacy



Original Color

23.9732, 15.6727, 15.0466

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.3307, 2.9289, 8.4813

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.9732, 15.6727, 15.0466 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(111, 51, 0)` looks like.

```
.text, #text, p{  
    color:rgb(111, 51, 0)  
}
```

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(111, 51, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 51, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 23.9732, 15.6727, 15.0466 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(111, 51, 0) }
```


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

```
.border{ border-color:rgb(111, 51, 0) }
```

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

Here you see how a box with a 4 pixel rgb(111, 51, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 51, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 51, 0);  
box-shadow:4px 4px 4px 4px rgb(111, 51, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.9732, 15.6727, 15.0466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 51, 0) }
```

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

```
.background{ background-color: rgb(111, 51,  
0) }
```

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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