

Converting Colors

HunterLab(23.0511, 13.9678,
-56.5591)

Have a look what the booklet for
HunterLab(23.0511, 13.9678,
-56.5591) contains.

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Color

**HunterLab(23.0999, 13.8781,
-56.3728)**

Conversions

Conversions Part 1

Format	Color
Hex	0F3B93
RGB	15, 59, 147
RGB Percent	6%, 23%, 58%
CMY	0.9411, 0.7686, 0.4235
CMYK	0.90, 0.60, 0.00, 0.42
HSL	220°, 81%, 32%
HSV	220°, 90%, 58%
XYZ	7.0274, 5.3361, 28.2633
YIQ	55.8760, -54.4720, 18.0400

Conversions

Conversions Part 2

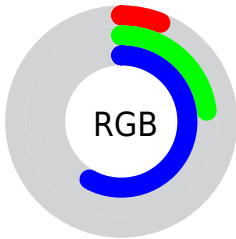
Format	Color
R_{YB}	15, 48, 147
Decimal	998291
CIE Lab	27.67, 21.62, -52.28
CIE LCh	28, 56.578, 292.464
Yxy	5.3362, 0.1730, 0.1313
Android (android.graphics.Color)	4279188371 (0xFF0F3B93)
YUV	55.8760, 44.9241, -35.8483
Hunter-Lab	23.0999, 13.8781, -56.3728

Details

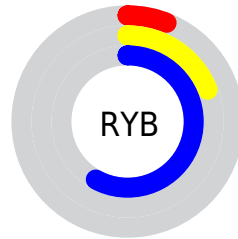
The HunterLab color **23.0999, 13.8781, -56.3728** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **39.9269, 5.9996, 24.0358**, and the grayscale version is **19.7108, -1.0517, 1.0709**.

A 20% lighter version of the original color is **40.7413, 15.2122, -55.9458**, and **11.3665, 16.2034, -49.1856** is the 20% darker color. If you saturate the color by 10%, you get **20.7891, 18.3739, -65.5935**, and if you desaturate by 10%, it is **25.7102, 9.9213, -47.6407**.

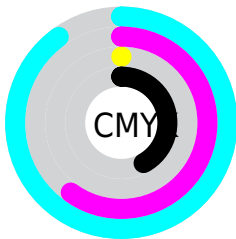
Distribution



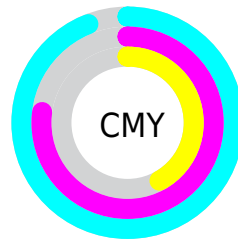
- Red (6%)
- Green (23%)
- Blue (58%)



- Red (6%)
- Yellow (19%)
- Blue (58%)



- Cyan (90%)
- Magenta (60%)
- Yellow (0%)
- Black (42%)



- Cyan (94%)
- Magenta (77%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.0999, 13.8781, -56.3728 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 23.0999, 13.8781, -56.3728 by changing the saturation by 10% instead.

■ 23.0999, 13.8781,
-56.3728

■ 23.0999, 13.8781,
-56.3728

■ 123.7009, 17.9142,
-60.8784

■ 15.6391, 12.8751,
-58.3679

■ 40.6662, 15.4503,
-55.9979

■ 9.2158, 11.7167,
-64.2028

■ 50.6134, 16.0557,
-56.4806

0.0000, INF, -NF

■ 61.2607, 16.5611,
-57.1322

0.0000, NaN, -NF

■ 72.5649, 16.9777,
-57.8653

0.0000, NaN, -NF

■ 84.4898, 17.3146,
-58.6304

0.0000, NaN, NaN

■ 97.0046, 17.5790,

0.0000, NaN, NaN

0.0000, NaN, NaN

-59.3984

0.0000, NaN, NaN

110.0827, 17.7772,
-60.1514

■ 23.0999, 13.8781,
-56.3728

■ 23.0999, 13.8781,
-56.3728

■ 20.7891, 18.3739,
-65.5935

■ 25.7102, 9.9213,
-47.6407

■ 20.7416, 18.4723,
-65.8016

■ 28.6113, 6.6442,
-39.4557

■ 31.7582, 4.0013,
-31.8948

■ 35.1126, 1.9121,
-24.9413

■ 38.6433, 0.2913,
-18.5354

■ 42.3256, -0.9388,
-12.6032

■ 46.1398, -1.8443,
-7.0723

■ 50.0701, -2.4796,
-1.8772

■ 54.1038, -2.8889,
3.0381

Harmonies

Analogous

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



23.1002, -5.6880, -63.0574



23.0999, 13.8781, -56.3728



23.1002, 33.9977, -30.0304

Triad

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



23.1002, 13.8793, -56.3722



23.1002, 24.4794, 15.6595



23.1002, -26.8650, 5.2459

Complementary

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



23.0999, 13.8781, -56.3728



39.9269, 5.9996, 24.0358

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.



23.1002, -23.1079, 13.7943



23.0999, 13.8781, -56.3728



23.1002, 3.5857, 16.1701

Square

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



23.1002, 13.8793, -56.3722



23.1002, 41.3332, 10.7674



23.1002, -13.2453, 16.1701



23.1002, -25.6598, -15.6285

Rectangle

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



23.0999, 13.8781, -56.3728



23.1002, 43.0418, -11.3374



23.1002, -13.2453, 16.1701



23.1002, -26.1953, 9.2660

Sweetspot

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



23.1002, 13.8793, -56.3722



57.7647, -1.5613, -15.1728



46.8493, -32.1523, 12.0641



26.8620, -0.5429, -8.3652



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



23.1002, 13.8793, -56.3722



27.2201, 26.1376, -90.4463



16.8591, 36.1512, -86.0557



24.3516, -1.2147, -0.7681



19.4204, 16.9193, -60.7978



3.1007, -0.0852, -3.6917

Inverse Universe

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



26.1934, 42.7057, 7.5222



33.8762, 59.0977, 13.4892



50.2616, -20.5589, 30.0772



24.1772, 1.0706, 1.1019



23.6095, 41.2637, 8.8085



2.7068, 4.9107, -0.3841

Previews

White Background



This preview shows how the HunterLab color 23.0999, 13.8781, -56.3728 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



This preview shows how the HunterLab color 23.0999, 13.8781, -56.3728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

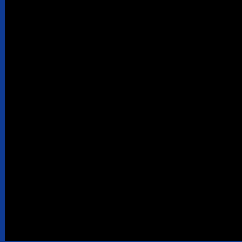
Any Text WCAG AA × Fail

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 23.0999, 13.8781, -56.3728 Background



This preview shows how black text looks on a background with the HunterLab color 23.0999, 13.8781, -56.3728.



This preview shows how white text looks on a background with the HunterLab color 23.0999, 13.8781, -56.3728.

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

23.0999, 13.8781, -56.3728

Protanopia

22.9701, 7.0545, -43.9391

Deuteranopia

22.9175, -0.3697, -27.8468



Tritanopia

23.0237, -11.4345, -4.0938

Trichromacy



Original Color

23.0999, 13.8781, -56.3728

Protanomaly

23.1119, 9.3340, -48.2566

Deuteranomaly

22.8722, 4.6666, -37.8732

Tritanomaly

22.6403, -3.9210, -19.0369

Monochromacy



Original Color

23.0999, 13.8781, -56.3728

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.2952, 1.2540, -15.0828

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.0999, 13.8781, -56.3728 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(15, 59, 147)` looks like.

```
.text, #text, p{  
    color:rgb(15, 59, 147)  
}
```

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(15, 59, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 59, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 23.0999, 13.8781, -56.3728 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(15, 59, 147) }
```


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

```
.border{ border-color:rgb(15, 59, 147) }
```

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

Here you see how a box with a 4 pixel rgb(15, 59, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 59, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 59, 147);  
box-shadow:4px 4px 4px 4px rgb(15, 59,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.0999, 13.8781, -56.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 59, 147) }
```

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

```
.background{ background-color: rgb(15, 59,  
147) }
```

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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