

Converting Colors

HunterLab(20.5014, 4.1092,
-68.5825)

Have a look what the booklet for
HunterLab(20.5014, 4.1092,
-68.5825) contains.

HunterLab(23.4000, 12.5545, -56.3495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(23.4000, 12.5545,
-56.3495)**

Conversions

Conversions Part 1

Format	Color
Hex	003D94
RGB	0, 61, 148
RGB Percent	0%, 24%, 58%
CMY	0.9999, 0.7608, 0.4196
CMYK	1.00, 0.59, 0.00, 0.42
HSL	215°, 100%, 29%
HSV	215°, 100%, 58%
XYZ	7.0140, 5.4756, 28.7042
YIQ	52.6790, -64.2830, 14.1250

Conversions

Conversions Part 2

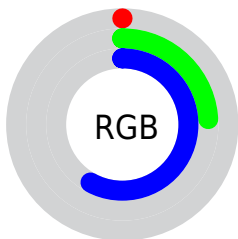
Format	Color
RYB	0, 43, 148
Decimal	15764
CIELab	28.05, 19.86, -52.29
CIELCh	28, 55.937, 290.794
Yxy	5.4757, 0.1703, 0.1329
Android (android.graphics.Color)	4278205844 (0xFF003D94)
YUV	52.6790, 46.9933, -46.1995
Hunter-Lab	23.4000, 12.5545, -56.3495

Details

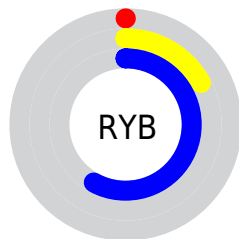
The HunterLab color **23.4000, 12.5545, -56.3495** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **36.2162, 13.6232, 22.5537**, and the grayscale version is **18.6242, -0.9937, 1.0119**.

A 20% lighter version of the original color is **41.0803, 13.7494, -55.9905**, and **11.7510, 15.5806, -48.3218** is the 20% darker color. If you saturate the color by 10%, you get **23.3969, 12.5616, -56.3611**, and if you desaturate by 10%, it is **25.6539, 8.7586, -48.7907**.

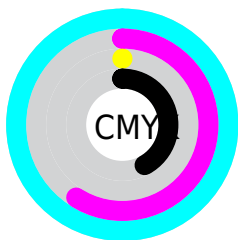
Distribution



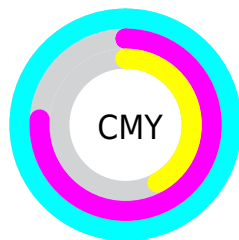
- Red (0%)
- Green (24%)
- Blue (58%)



- Red (0%)
- Yellow (17%)
- Blue (58%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (76%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4000, 12.5545, -56.3495 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 23.4000, 12.5545, -56.3495 by changing the saturation by 10% instead.

■ 23.4000, 12.5545,
-56.3495

■ 23.4000, 12.5545,
-56.3495

■ 124.2252, 15.8516,
-60.9197

■ 15.9028, 11.6517,
-58.2646

■ 41.0284, 13.9363,
-56.0259

■ 9.4399, 10.5763,
-63.8468

■ 51.0028, 14.4530,
-56.5170

0.0000, INF, -NF

■ 61.6757, 14.8738,
-57.1729

0.0000, NaN, -NF

■ 73.0039, 15.2094,
-57.9079

0.0000, NaN, -NF

■ 84.9516, 15.4685,
-58.6736

0.0000, NaN, NaN

■ 97.4881, 15.6582,

0.0000, NaN, NaN

0.0000, NaN, NaN

-59.4414

0.0000, NaN, NaN

110.5870, 15.7843,
-60.1937

■ 23.4000, 12.5545,
-56.3495

■ 23.4000, 12.5545,
-56.3495

■ 23.3969, 12.5616,
-56.3611

■ 25.6539, 8.7586,
-48.7907

■ 28.1330, 5.4782,
-41.6145

■ 30.8484, 2.8310,
-34.7901

■ 33.7713, 0.7714,
-28.3645

■ 36.8752, -0.7678,
-22.3385

■ 40.1372, -1.8569,
-16.6865

■ 43.5379, -2.5618,
-11.3707

■ 47.0613, -2.9400,
-6.3498

■ 50.6938, -3.0402,
-1.5839

Harmonies

Analogous

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



23.4003, -6.6028, -61.4369



23.4000, 12.5545, -56.3495



23.4003, 32.6196, -31.1728

Triad

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



23.4003, 12.5557, -56.3489



23.4003, 25.3170, 15.4917



23.4003, -26.7903, 6.0092

Complementary

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



23.4000, 12.5545, -56.3495



36.2162, 13.6232, 22.5537

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.



23.4003, -22.7049, 14.0769



23.4000, 12.5545, -56.3495



23.4003, 4.6323, 16.3802

Square

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



23.4003, 12.5557, -56.3489



23.4003, 41.4177, 10.2954



23.4003, -12.4495, 16.3802



23.4003, -25.8478, -13.9451

Rectangle

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



23.4000, 12.5545, -56.3495



23.4003, 41.9602, -12.5819



23.4003, -12.4495, 16.3802



23.4003, -26.0219, 9.8085

Sweetspot

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



23.4003, 12.5557, -56.3489



57.5500, -3.3586, -15.5259



46.7520, -34.9162, 16.9398



26.6622, -1.4547, -8.6910



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.



23.4003, 12.5557, -56.3489



30.5564, 17.8745, -76.7787



14.8975, 39.8557, -101.6265



24.4991, -1.4597, -0.5866



21.7419, 11.3441, -51.6640



3.3704, -0.5224, -3.0849

Inverse Universe

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



25.7553, 45.4099, 6.5021



34.1622, 60.1480, 9.3290



51.3678, -17.9981, 31.3368



24.1923, 1.1516, 0.8874



23.8129, 42.0101, 5.8549



2.7392, 5.0272, -0.8366

Previews

White Background



This preview shows how the HunterLab color 23.4000, 12.5545, -56.3495 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 23.4000, 12.5545, -56.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

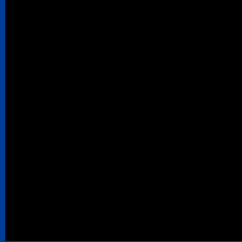
Any Text WCAG AA × Fail

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 23.4000, 12.5545, -56.3495 Background



This preview shows how black text looks on a background with the HunterLab color 23.4000, 12.5545, -56.3495.



This preview shows how white text looks on a background with the HunterLab color 23.4000, 12.5545, -56.3495.

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

23.4000, 12.5545, -56.3495

Protanopia

23.3332, 7.1889, -44.6832

Deuteranopia

23.2779, -0.2634, -28.5268



Tritanopia

23.3401, -11.6007, -4.1305

Trichromacy



Original Color

23.4000, 12.5545, -56.3495

Protanomaly

23.3419, 8.9434, -48.4816

Deuteranomaly

23.1065, 4.2655, -38.0891

Tritanomaly

22.8813, -4.3418, -19.2269

Monochromacy



Original Color

23.4000, 12.5545, -56.3495

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.6800, 0.3469, -15.6821

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4000, 12.5545, -56.3495 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(0, 61, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 148)  
}
```

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(0, 61, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4000, 12.5545, -56.3495 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(0, 61, 148) }
```


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

```
.border{ border-color:rgb(0, 61, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 61, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 61, 148)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.4000, 12.5545, -56.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 148) }
```

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

```
.background{ background-color: rgb(0, 61,  
148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor