

Converting Colors

HunterLab(23.8016, 10.4153,
-52.2336)

Have a look what the booklet for
HunterLab(23.8016, 10.4153,
-52.2336) contains.

HunterLab(23.6629, 10.5517, -52.3546)	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(23.6629, 10.5517,
-52.3546)**

Conversions

Conversions Part 1

Format	Color
Hex	003F91
RGB	0, 63, 145
RGB Percent	0%, 25%, 57%
CMY	0.9999, 0.7529, 0.4314
CMYK	1.00, 0.57, 0.00, 0.43
HSL	214°, 100%, 28%
HSV	214°, 100%, 57%
XYZ	6.8883, 5.5993, 27.5057
YIQ	53.5110, -63.8700, 12.1460

Conversions

Conversions Part 2

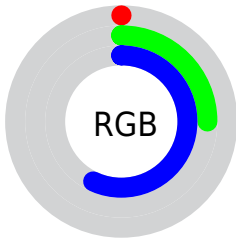
Format	Color
R_{YB}	0, 44, 145
Decimal	16273
CIE _{Lab}	28.38, 17.18, -49.92
CIE _{LCh}	28, 52.789, 288.991
Yxy	5.5995, 0.1722, 0.1400
Android (android.graphics.Color)	4278206353 (0xFF003F91)
YUV	53.5110, 45.1041, -46.9291
Hunter-Lab	23.6629, 10.5517, -52.3546

Details

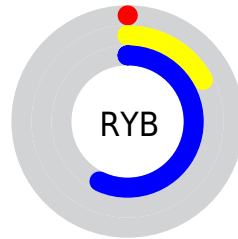
The HunterLab color **23.6629, 10.5517, -52.3546** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **34.7243, 14.7781, 21.6546**, and the grayscale version is **18.9110, -1.0090, 1.0275**.

A 20% lighter version of the original color is **41.3713, 11.6524, -52.6140**, and **11.9203, 13.9815, -45.0815** is the 20% darker color. If you saturate the color by 10%, you get **23.6600, 10.5582, -52.3650**, and if you desaturate by 10%, it is **25.8341, 7.0687, -45.4369**.

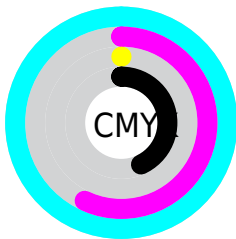
Distribution



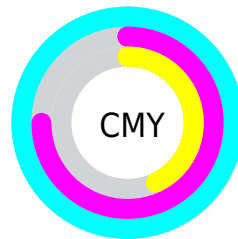
- Red (0%)
- Green (25%)
- Blue (57%)



- Red (0%)
- Yellow (17%)
- Blue (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (75%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6629, 10.5517, -52.3546 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 23.6629, 10.5517, -52.3546 by changing the saturation by 10% instead.

■ 23.6629, 10.5517,
-52.3546

■ 23.6629, 10.5517,
-52.3546

■ 124.6832, 12.7257,
-57.2507

■ 16.1341, 9.8044,
-53.8157

■ 41.3452, 11.6423,
-52.3792

■ 9.6344, 8.8841,
-58.3661

■ 51.3434, 12.0241,
-52.9302

0.0000, INF, -NF

■ 62.0385, 12.3164,
-53.6100

0.0000, NaN, -NF

■ 73.3877, 12.5292,
-54.3462

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 85.3552, 12.6705,
-55.0979

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.9107, 12.7470,

-55.8412

0.0000, NaN, NaN

111.0277, 12.7639,
-56.5617

■ 23.6629, 10.5517,
-52.3546

■ 23.6629, 10.5517,
-52.3546

■ 23.6600, 10.5582,
-52.3650

■ 25.8341, 7.0687,
-45.4369

■ 28.2065, 4.0704,
-38.8567

■ 30.7958, 1.6725,
-32.5687

■ 33.5779, -0.1675,
-26.6135

■ 36.5296, -1.5102,
-20.9961

■ 39.6306, -2.4204,
-15.6991

■ 42.8635, -2.9585,
-10.6937

■ 46.2135, -3.1782,
-5.9472

■ 49.6682, -3.1254,
-1.4270

Harmonies

Analogous

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



23.6632, -7.2824, -55.5112



23.6629, 10.5517, -52.3546



23.6632, 29.4032, -30.2686

Triad

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



23.6632, 10.5528, -52.3540



23.6632, 24.7336, 14.9713



23.6632, -25.8498, 6.5653

Complementary

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



23.6629, 10.5517, -52.3546



34.7243, 14.7781, 21.6546

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.



23.6632, -21.4847, 14.0600



23.6629, 10.5517, -52.3546



23.6632, 5.4236, 16.5642

Square

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



23.6632, 10.5528, -52.3540



23.6632, 39.0791, 9.4400



23.6632, -11.1378, 16.5642



23.6632, -25.2045, -11.4841

Rectangle

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



23.6629, 10.5517, -52.3546



23.6632, 38.4442, -13.0824



23.6632, -11.1378, 16.5642



23.6632, -24.9849, 10.0509

Sweetspot

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



23.6632, 10.5528, -52.3540



57.0789, -3.9265, -14.7289



45.6362, -34.6291, 17.7148



26.1498, -1.7450, -8.1146



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



23.6632, 10.5528, -52.3540



31.1307, 15.2902, -71.9178



14.4628, 38.8943, -100.2244



23.6986, -1.4755, -0.5058



22.0262, 9.5332, -48.1103



2.9817, -0.5495, -2.5406

Inverse Universe

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



25.2569, 44.6693, 5.3060



33.7479, 59.5981, 7.8248



50.6290, -16.0935, 30.9149



23.3678, 1.1197, 0.8007



23.4011, 41.4115, 4.7614



2.3801, 4.3819, -0.8339

Previews

White Background



This preview shows how the HunterLab color 23.6629, 10.5517, -52.3546 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 23.6629, 10.5517, -52.3546 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 23.6629, 10.5517, -52.3546 Background



This preview shows how black text looks on a background with the HunterLab color 23.6629, 10.5517, -52.3546.



This preview shows how white text looks on a background with the HunterLab color 23.6629, 10.5517, -52.3546.

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

23.6629, 10.5517, -52.3546

Protanopia

23.6972, 7.3237, -45.4293

Deuteranopia

23.5887, -0.4314, -28.5525



Tritanopia

23.6573, -11.7673, -4.1672

Trichromacy



Original Color

23.6629, 10.5517, -52.3546

Protanomaly

23.6429, 8.7641, -48.4709

Deuteranomaly

23.6068, 3.3261, -36.6867

Tritanomaly

23.4217, -5.1577, -18.1410

Monochromacy



Original Color

23.6629, 10.5517, -52.3546

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.8858, -0.3034, -14.6356

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6629, 10.5517, -52.3546 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, 63, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 145)  
}
```

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, 63, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6629, 10.5517, -52.3546 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, 63, 145) }
```


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

```
.border{ border-color:rgb(0, 63, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 63, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 63, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 63, 145)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.6629, 10.5517, -52.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 145) }
```

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

```
.background{ background-color: rgb(0, 63,  
145) }
```

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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