

Converting Colors

HunterLab(23.0936, 15.5869,
-52.3505)

Have a look what the booklet for
HunterLab(23.0936, 15.5869,
-52.3505) contains.

HunterLab(23.0684, 15.5007, -52.3044)	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(23.0684, 15.5007,
-52.3044)**

Conversions

Conversions Part 1

Format	Color
Hex	26398F
RGB	38, 57, 143
RGB Percent	15%, 22%, 56%
CMY	0.8510, 0.7765, 0.4392
CMYK	0.73, 0.60, 0.00, 0.44
HSL	229°, 58%, 35%
HSV	229°, 73%, 56%
XYZ	7.2204, 5.3215, 26.6332
YIQ	61.1230, -38.9300, 22.7180

Conversions

Conversions Part 2

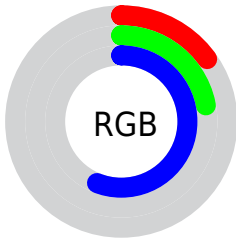
Format	Color
R_YB	38, 54, 143
Decimal	2505103
CIE _{Lab}	27.63, 23.69, -49.85
CIE _{LCh}	28, 55.195, 295.421
Yxy	5.3216, 0.1843, 0.1358
Android (android.graphics.Color)	4280695183 (0xFF26398F)
YUV	61.1230, 40.3654, -20.2789
Hunter-Lab	23.0684, 15.5007, -52.3044

Details

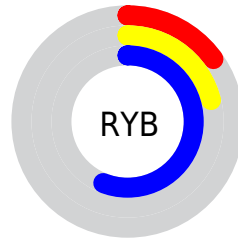
The HunterLab color **23.0684, 15.5007, -52.3044** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **45.1628, -4.3894, 25.3442**, and the grayscale version is **21.5200, -1.1483, 1.1692**.

A 20% lighter version of the original color is **40.7118, 17.2347, -52.4181**, and **10.8333, 16.1742, -48.4561** is the 20% darker color. If you saturate the color by 10%, you get **20.1805, 20.2059, -63.5598**, and if you desaturate by 10%, it is **26.3486, 11.4773, -42.0391**.

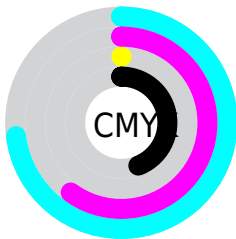
Distribution



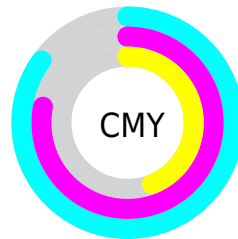
- Red (15%)
- Green (22%)
- Blue (56%)



- Red (15%)
- Yellow (21%)
- Blue (56%)



- Cyan (73%)
- Magenta (60%)
- Yellow (0%)
- Black (44%)



- Cyan (85%)
- Magenta (78%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.0684, 15.5007, -52.3044 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 23.0684, 15.5007, -52.3044 by changing the saturation by 10% instead.

■ 23.0684, 15.5007,
-52.3044

■ 23.0684, 15.5007,
-52.3044

■ 123.6458, 20.3622,
-57.1017

■ 15.6115, 14.3911,
-53.8937

■ 40.6282, 17.2808,
-52.2489

■ 9.1920, 13.1400,
-58.8451

■ 50.5725, 17.9848,
-52.7872

0.0000, INF, -NF

■ 61.2171, 18.5849,
-53.4610

0.0000, NaN, -NF

■ 72.5188, 19.0925,
-54.1946

0.0000, NaN, -NF

■ 84.4413, 19.5171,
-54.9456

0.0000, NaN, NaN

■ 96.9538, 19.8661,

0.0000, NaN, NaN

0.0000, NaN, NaN

-55.6894

0.0000, NaN, NaN

110.0298, 20.1461,
-56.4111

■ 23.0684, 15.5007,
-52.3044

■ 23.0684, 15.5007,
-52.3044

■ 20.1805, 20.2059,
-63.5598

■ 26.3486, 11.4773,
-42.0391

■ 17.7868, 25.4294,
-75.2180

■ 29.9376, 8.1027,
-32.8763

■ 16.4808, 28.8267,
-82.8280

■ 33.7741, 5.2816,
-24.7155

■ 37.8130, 2.9101,
-17.3956

■ 42.0210, 0.8976,
-10.7575

■ 46.3734, -0.8293,
-4.6645

■ 50.8514, -2.3278,
0.9945

■ 55.4405, -3.6425,
6.3073

■ 60.1293, -4.8079,
11.3432

Harmonies

Analogous

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



23.0687, -3.9194, -61.1436



23.0684, 15.5007, -52.3044



23.0687, 34.5474, -26.1710

Triad

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



23.0687, 15.5016, -52.3037



23.0687, 21.7635, 15.7533



23.0687, -26.5125, 3.7225

Complementary

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



23.0684, 15.5007, -52.3044



45.1628, -4.3894, 25.3442

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.



23.0687, -23.3003, 13.1882



23.0684, 15.5007, -52.3044



23.0687, 1.5841, 16.1481

Square

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



23.0687, 15.5016, -52.3037



23.0687, 38.8694, 11.3604



23.0687, -14.2389, 16.1481



23.0687, -24.8342, -17.7126

Rectangle

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



23.0684, 15.5007, -52.3044



23.0687, 42.4868, -8.6135



23.0687, -14.2389, 16.1481



23.0687, -26.0062, 8.0770

Sweetspot

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



23.0687, 15.5016, -52.3037



56.7826, 0.9649, -13.5869



46.3748, -26.3277, 3.8408



26.5362, 0.7479, -7.4804



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.



23.0687, 15.5016, -52.3037



24.8584, 31.4924, -95.1292



21.7235, 29.9259, -57.0159



23.2445, -0.7178, -1.0671



15.5737, 26.8414, -77.4087



2.1635, 0.9112, -4.6712

Inverse Universe

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



27.4258, 35.0504, 9.1450



33.6042, 53.7972, 15.9224



48.0460, -22.5118, 26.9480



23.3217, 0.8716, 1.4580



22.8718, 39.4652, 12.4803



2.2891, 4.0526, 0.4522

Previews

White Background



This preview shows how the HunterLab color 23.0684, 15.5007, -52.3044 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 23.0684, 15.5007, -52.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

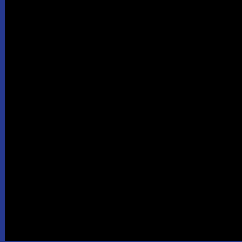
Any Text WCAG AA × Fail

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 23.0684, 15.5007, -52.3044 Background



This preview shows how black text looks on a background with the HunterLab color 23.0684, 15.5007, -52.3044.



This preview shows how white text looks on a background with the HunterLab color 23.0684, 15.5007, -52.3044.

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

23.0684, 15.5007, -52.3044

Protanopia

22.9095, 6.7442, -43.1938

Deuteranopia

22.9175, -0.3697, -27.8468



Tritanopia

22.7388, -11.0862, -4.4898

Trichromacy



Original Color

23.0684, 15.5007, -52.3044

Protanomaly

22.8845, 9.6011, -47.0478

Deuteranomaly

22.6474, 4.9797, -36.7514

Tritanomaly

22.4661, -3.2661, -18.7059

Monochromacy



Original Color

23.0684, 15.5007, -52.3044

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.7806, 2.6346, -13.4754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.0684, 15.5007, -52.3044 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(38, 57, 143)` looks like.

```
.text, #text, p{  
    color:rgb(38, 57, 143)  
}
```

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(38, 57, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 57, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 23.0684, 15.5007, -52.3044 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(38, 57, 143) }
```


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

```
.border{ border-color:rgb(38, 57, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 57, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 57, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 57, 143);  
box-shadow:4px 4px 4px 4px rgb(38, 57,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.0684, 15.5007, -52.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 57, 143) }
```

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

```
.background{ background-color: rgb(38, 57,  
143) }
```

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