

Converting Colors

HunterLab(23.2251, 49.6761,
-61.7540)

Have a look what the booklet for
HunterLab(23.2251, 49.6761,
-61.7540) contains.

HunterLab(23.1605, 49.5930, -62.0100)	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(23.1605, 49.5930,
-62.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	6A0099
RGB	106, 0, 153
RGB Percent	42%, 0%, 60%
CMY	0.5843, 1.0000, 0.4000
CMYK	0.31, 1.00, 0.00, 0.40
HSL	282°, 100%, 30%
HSV	282°, 100%, 60%
XYZ	11.6936, 5.3641, 30.5561
YIQ	49.1360, 14.0630, 70.0550

Conversions

Conversions Part 2

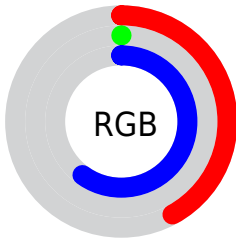
Format	Color
R_{YB}	106, 0, 153
Decimal	6946969
CIE _{Lab}	27.75, 60.11, -55.51
CIE _{LCh}	28, 81.823, 317.277
Yxy	5.3643, 0.2456, 0.1127
Android (android.graphics.Color)	4285137049 (0xFF6A0099)
YUV	49.1360, 51.2050, 49.8697
Hunter-Lab	23.1605, 49.5930, -62.0100

Details

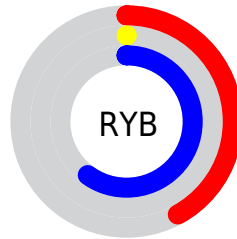
The HunterLab color **23.1605, 49.5930, -62.0100** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **48.3600, -38.2570, 29.1294**, and the grayscale version is **17.4025, -0.9286, 0.9455**.

A 20% lighter version of the original color is **40.6100, 53.8237, -61.1580**, and **12.7189, 29.1686, -49.0450** is the 20% darker color. If you saturate the color by 10%, you get **23.1607, 49.5934, -62.0095**, and if you desaturate by 10%, it is **24.5161, 47.6938, -56.9424**.

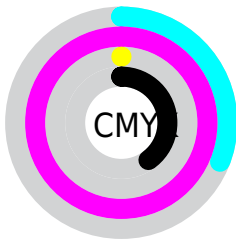
Distribution



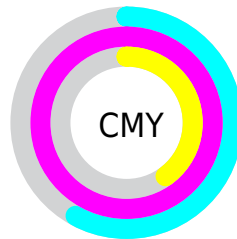
- Red (42%)
- Green (0%)
- Blue (60%)



- Red (42%)
- Yellow (0%)
- Blue (60%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (58%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.1605, 49.5930, -62.0100 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 23.1605, 49.5930, -62.0100 by changing the saturation by 10% instead.

23.1605, 49.5930,
-62.0100

23.1605, 49.5930,
-62.0100

123.8071, 66.1818,
-65.9937

15.6925, 47.6844,
-64.6009

40.7396, 53.8330,
-61.1489

9.2617, 46.6464,
-71.7124

50.6922, 55.8904,
-61.5393

0.0000, INF, -NF

0.0000, NaN, -NF

61.3447, 57.8549,
-62.1475

0.0000, NaN, NaN

72.6538, 59.7179,
-62.8688

0.0000, NaN, NaN


84.5833, 61.4787,
-63.6434


0.0000, NaN, NaN


0.0000, NaN, NaN


97.1025, 63.1401,


-64.4358


 110.1849, 64.7062,
-65.2238


 23.1605, 49.5930,
-62.0100


 23.1605, 49.5930,
-62.0100


 23.1607, 49.5934,
-62.0095

 24.5161, 47.6938,
-56.9424

 26.3275, 44.4575,
-50.8680

 28.7170, 39.7683,
-43.8306

 31.6293, 34.1428,
-36.4054

 34.9926, 28.0249,
-29.0102

■ 38.7362, 21.7170,
-21.8789

■ 42.7986, 15.3948,
-15.1080

■ 47.1291, 9.1466,
-8.7127

■ 51.6872, 3.0084,
-2.6680

Harmonies

Analogous

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



23.1609, 15.9968, -109.9489



23.1605, 49.5930, -62.0100



23.1609, 72.7569, -12.2194

Triad

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



23.1609, 49.5931, -62.0087



23.1609, 11.1388, 16.2126



23.1609, -32.6379, -18.3470

Complementary

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



23.1605, 49.5930, -62.0100



48.3600, -38.2570, 29.1294

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.



23.1609, -32.9933, 9.6206



23.1605, 49.5930, -62.0100



23.1609, -14.5553, 16.2126

Square

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



23.1609, 49.5931, -62.0087



23.1609, 44.6855, 16.2126



23.1609, -28.1092, 16.2126



23.1609, -26.7268, -70.5424

Rectangle

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



23.1605, 49.5930, -62.0100



23.1609, 74.4748, 6.6163



23.1609, -28.1092, 16.2126



23.1609, -33.2705, -5.7889

Sweetspot

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



23.1609, 49.5931, -62.0087



56.9409, 21.1026, -20.7424



21.0973, 20.8275, -71.3300



25.7557, 11.4443, -11.3634



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



23.1609, 49.5931, -62.0087



30.8306, 66.1576, -83.6371



28.7259, 54.3435, -21.3593



24.9568, 1.2173, -1.0617



21.0985, 45.1408, -56.2035



2.9227, 5.9774, -5.6484

Inverse Universe

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



26.4152, 46.0133, 11.0461



35.3078, 61.4229, 15.3949



47.8191, -40.3770, 27.3929



25.0048, 1.0941, 1.2121



24.0254, 41.8728, 9.8777



3.0375, 5.4843, -0.2277

Previews

White Background



This preview shows how the HunterLab color 23.1605, 49.5930, -62.0100 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 23.1605, 49.5930, -62.0100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

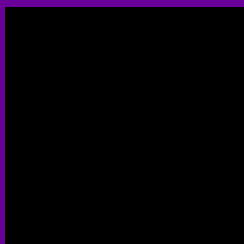
Any Text WCAG AA × Fail

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 23.1605, 49.5930, -62.0100 Background



This preview shows how black text looks on a background with the HunterLab color 23.1605, 49.5930, -62.0100.



This preview shows how white text looks on a background with the HunterLab color 23.1605, 49.5930, -62.0100.

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

23.1605, 49.5930, -62.0100

Protanopia

24.0011, 7.1461, -45.4255

Deuteranopia

24.0017, -0.0483, -29.8958



Tritanopia

24.1372, 8.4591, 3.1067

Trichromacy



Original Color

23.1605, 49.5930, -62.0100

Protanomaly

20.2506, 23.6074, -64.3603

Deuteranomaly

20.0039, 18.6106, -53.1182

Tritanomaly

21.7199, 24.6815, -16.3925

Monochromacy



Original Color

23.1605, 49.5930, -62.0100

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.2342, 18.8930, -20.0697

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.1605, 49.5930, -62.0100 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(106, 0, 153)` looks like.

```
.text, #text, p{  
    color:rgb(106, 0, 153)  
}
```

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(106, 0, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 0, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 23.1605, 49.5930, -62.0100 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(106, 0, 153) }
```


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

```
.border{ border-color:rgb(106, 0, 153) }
```

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

Here you see how a box with a 4 pixel rgb(106, 0, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 0, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 0, 153);  
box-shadow:4px 4px 4px 4px rgb(106, 0,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.1605, 49.5930, -62.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 0, 153) }
```

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

```
.background{ background-color: rgb(106, 0,  
153) }
```

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