

Converting Colors

HunterLab(23.7145, 18.1217,
-65.7152)

Have a look what the booklet for
HunterLab(23.7145, 18.1217,
-65.7152) contains.

HunterLab(23.7136, 18.2236, -65.9465)	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>	30

Color

**HunterLab(23.7136, 18.2236,
-65.9465)**

Conversions

Conversions Part 1

Format	Color
Hex	123A9E
RGB	18, 58, 158
RGB Percent	7%, 23%, 62%
CMY	0.9293, 0.7726, 0.3804
CMYK	0.89, 0.63, 0.00, 0.38
HSL	223°, 80%, 35%
HSV	223°, 89%, 62%
XYZ	7.9341, 5.6233, 33.0151
YIQ	57.4400, -55.9400, 22.6200

Conversions

Conversions Part 2

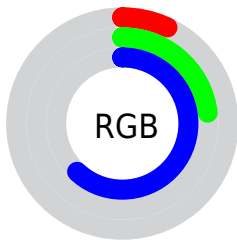
Format	Color
R_{YB}	18, 49, 158
Decimal	1194654
CIE _{Lab}	28.44, 26.96, -57.74
CIE _{LCh}	28, 63.725, 295.031
Yxy	5.6235, 0.1704, 0.1207
Android (android.graphics.Color)	4279384734 (0xFF123A9E)
YUV	57.4400, 49.5761, -34.5889
Hunter-Lab	23.7136, 18.2236, -65.9465

Details

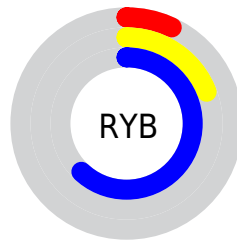
The HunterLab color **23.7136, 18.2236, -65.9465** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **45.0266, 3.2272, 27.0472**, and the grayscale version is **20.2292, -1.0794, 1.0991**.

A 20% lighter version of the original color is **41.5133, 20.2402, -64.9263**, and **12.0521, 19.8768, -57.9723** is the 20% darker color. If you saturate the color by 10%, you get **21.1968, 23.5744, -77.0070**, and if you desaturate by 10%, it is **26.6406, 13.4878, -55.3401**.

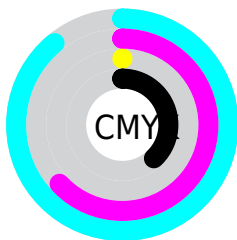
Distribution



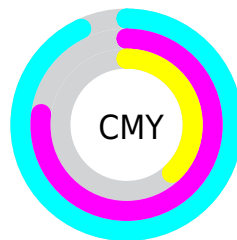
- Red (7%)
- Green (23%)
- Blue (62%)



- Red (7%)
- Yellow (19%)
- Blue (62%)



- Cyan (89%)
- Magenta (63%)
- Yellow (0%)
- Black (38%)



- Cyan (93%)
- Magenta (77%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7136, 18.2236, -65.9465 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 23.7136, 18.2236, -65.9465 by changing the saturation by 10% instead.

■ 23.7136, 18.2236,
-65.9465

■ 23.7136, 18.2236,
-65.9465

■ 124.7714, 24.2794,
-69.6399

■ 16.1787, 16.9718,
-68.8104

■ 41.4062, 20.2952,
-64.8281

■ 9.6720, 15.5813,
-76.3642

■ 51.4090, 21.1402,
-65.1635

0.0000, INF, -NF

0.0000, NaN, -NF

■ 62.1084, 21.8773,
-65.7436

0.0000, NaN, -NF

■ 73.4616, 22.5177,
-66.4551

0.0000, NaN, -NF

■ 85.4329, 23.0708,
-67.2329

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.9920, 23.5446,

-68.0378

0.0000, NaN, NaN

111.1125, 23.9456,
-68.8454

■ 23.7136, 18.2236,
-65.9465

■ 23.7136, 18.2236,
-65.9465

■ 21.1968, 23.5744,
-77.0070

■ 26.6406, 13.4878,
-55.3401

■ 20.8692, 24.3345,
-78.6160

■ 29.9312, 9.5176,
-45.4672

■ 33.5216, 6.2715,
-36.4485

■ 37.3599, 3.6535,
-28.2512

■ 41.4054, 1.5599,
-20.7792

■ 45.6269, -0.1030,
-13.9214

■ 50.0000, -1.4133,
-7.5732

■ 54.5057, -2.4345,
-1.6438

■ 59.1290, -3.2170,
3.9426

Harmonies

Analogous

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



23.7138, -4.6453, -76.9942



23.7136, 18.2236, -65.9465



23.7138, 41.4203, -32.6923

Triad

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



23.7138, 18.2250, -65.9459



23.7138, 26.4121, 16.5997



23.7138, -29.4750, 4.3667

Complementary

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



23.7136, 18.2236, -65.9465



45.0266, 3.2272, 27.0472

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.



23.7138, -26.0148, 14.4121



23.7136, 18.2236, -65.9465



23.7138, 2.3126, 16.5997

Square

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



23.7138, 18.2250, -65.9459



23.7138, 47.1814, 12.4318



23.7138, -15.9759, 16.5997



23.7138, -27.7831, -21.2231

Rectangle

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



23.7136, 18.2236, -65.9465



23.7138, 51.3234, -10.8461



23.7138, -15.9759, 16.5997



23.7138, -28.9252, 9.1890

Sweetspot

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



23.7138, 18.2250, -65.9459



62.1070, -0.3486, -17.8150



50.8367, -34.0856, 11.4562



28.6126, 0.1396, -9.8097



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



23.7138, 18.2250, -65.9459



27.5871, 34.3580, -108.6505



18.6627, 39.2226, -90.5806



25.9394, -1.1369, -0.9657



18.8369, 21.3179, -69.5637



3.6086, 0.4030, -5.3804

Inverse Universe

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



28.2981, 45.6068, 9.8486



36.7646, 63.8193, 17.0997



54.0775, -23.5268, 32.2822



25.8375, 1.1208, 1.3149



24.4549, 42.5283, 10.7746



3.3715, 6.0579, -0.0232

Previews

White Background



This preview shows how the HunterLab color 23.7136, 18.2236, -65.9465 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 23.7136, 18.2236, -65.9465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

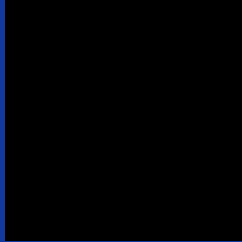
Any Text WCAG AA × Fail

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 23.7136, 18.2236, -65.9465 Background



This preview shows how black text looks on a background with the HunterLab color 23.7136, 18.2236, -65.9465.



This preview shows how white text looks on a background with the HunterLab color 23.7136, 18.2236, -65.9465.

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

23.7136, 18.2236, -65.9465

Protanopia

23.6363, 7.0117, -44.6795

Tritanopia

23.6573, -11.7673, -4.1672

Trichromacy



Original Color

23.7136, 18.2236, -65.9465

Protanomaly

23.5261, 11.3419, -52.8157

Tritanomaly

23.2037, -2.7389, -22.0014

Monochromacy



Original Color

23.7136, 18.2236, -65.9465

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.6107, 2.7286, -17.7150

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7136, 18.2236, -65.9465 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(18, 58, 158)` looks like.

```
.text, #text, p{  
    color:rgb(18, 58, 158)  
}
```

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(18, 58, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 58, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7136, 18.2236, -65.9465 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(18, 58, 158) }
```

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

```
.border{ border-color:rgb(18, 58, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 58, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 58, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 58, 158);  
box-shadow:4px 4px 4px 4px rgb(18, 58,  
158) }
```


Background

The CSS property to change the background color of an element to HunterLab 23.7136, 18.2236, -65.9465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 58, 158) }
```

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

```
.background{ background-color: rgb(18, 58,  
158) }
```

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