

Converting Colors

HunterLab(23.2200, 16.9118,
-62.3483)

Have a look what the booklet for
HunterLab(23.2200, 16.9118,
-62.3483) contains.

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Color

**HunterLab(23.1404, 17.0674,
-62.6589)**

Conversions

Conversions Part 1

Format	Color
Hex	123999
RGB	18, 57, 153
RGB Percent	7%, 22%, 60%
CMY	0.9293, 0.7765, 0.4000
CMYK	0.88, 0.63, 0.00, 0.40
HSL	223°, 79%, 34%
HSV	223°, 88%, 60%
XYZ	7.4624, 5.3548, 30.7773
YIQ	56.2830, -54.0600, 21.5880

Conversions

Conversions Part 2

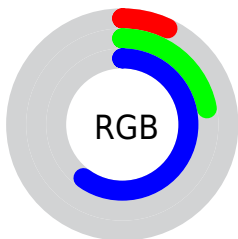
Format	Color
R_{YB}	18, 48, 153
Decimal	1194393
CIE _{Lab}	27.72, 25.64, -55.87
CIE _{LCh}	28, 61.476, 294.652
Yxy	5.3549, 0.1712, 0.1228
Android (android.graphics.Color)	4279384473 (0xFF123999)
YUV	56.2830, 47.6815, -33.5742
Hunter-Lab	23.1404, 17.0674, -62.6589

Details

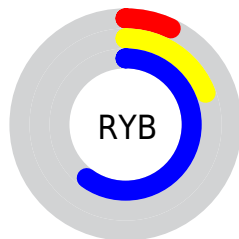
The HunterLab color **23.1404, 17.0674, -62.6589** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **43.4219, 3.2091, 26.0302**, and the grayscale version is **19.8401, -1.0586, 1.0780**.

A 20% lighter version of the original color is **40.8397, 18.7857, -61.1397**, and **11.5779, 19.0436, -55.5811** is the 20% darker color. If you saturate the color by 10%, you get **20.6898, 22.1611, -73.2260**, and if you desaturate by 10%, it is **25.9776, 12.5818, -52.5561**.

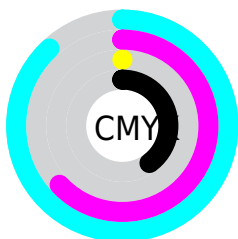
Distribution



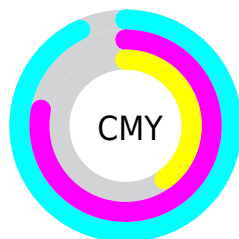
- Red (7%)
- Green (22%)
- Blue (60%)



- Red (7%)
- Yellow (19%)
- Blue (60%)



- Cyan (88%)
- Magenta (63%)
- Yellow (0%)
- Black (40%)



- Cyan (93%)
- Magenta (78%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.1404, 17.0674, -62.6589 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 23.1404, 17.0674, -62.6589 by changing the saturation by 10% instead.

■ 23.1404, 17.0674, -62.6589	■ 23.1404, 17.0674, -62.6589
123.7717, 22.6802, -66.5676	■ 15.6747, 15.8655, -65.3305
■ 40.7151, 19.0341, -61.7339	■ 9.2464, 14.5274, -72.6227
■ 50.6659, 19.8274, -62.1117	0.0000, INF, -NF
■ 61.3167, 20.5136, -62.7134	0.0000, NaN, -NF
■ 72.6242, 21.1044, -63.4323	0.0000, NaN, -NF
■ 84.5521, 21.6093, -64.2072	0.0000, NaN, NaN
■ 97.0699, 22.0360,	0.0000, NaN, NaN

-65.0017

0.0000, NaN, NaN

110.1508, 22.3911,
-65.7933

■ 23.1404, 17.0674,
-62.6589

■ 23.1404, 17.0674,
-62.6589

■ 20.6898, 22.1611,
-73.2260

■ 25.9776, 12.5818,
-52.5561

■ 20.2860, 23.0797,
-75.1781

■ 29.1567, 8.8307,
-43.1630

■ 32.6182, 5.7681,
-34.5800

■ 36.3138, 3.3015,
-26.7712

■ 40.2055, 1.3323,
-19.6447

■ 44.2641, -0.2280,
-13.0963

■ 48.4667, -1.4531,
-7.0278

■ 52.7954, -2.4028,
-1.3543

■ 57.2361, -3.1249,
3.9953

Harmonies

Analogous

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



23.1406, -4.7089, -72.6711



23.1404, 17.0674, -62.6589



23.1406, 39.1787, -31.4290

Triad

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



23.1406, 17.0687, -62.6583



23.1406, 25.4498, 16.1985



23.1406, -28.4099, 4.4135

Complementary

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



23.1404, 17.0674, -62.6589



43.4219, 3.2091, 26.0302

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.



23.1406, -24.9750, 14.0073



23.1404, 17.0674, -62.6589



23.1406, 2.4547, 16.1985

Square

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



23.1406, 17.0687, -62.6583



23.1406, 45.0571, 11.9066



23.1406, -15.1798, 16.1985



23.1406, -26.8250, -19.7583

Rectangle

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



23.1404, 17.0674, -62.6589



23.1406, 48.6903, -10.6517



23.1406, -15.1798, 16.1985



23.1406, -27.8531, 8.9952

Sweetspot

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



23.1406, 17.0687, -62.6583



60.1851, -0.6149, -16.0943



49.0841, -32.8248, 10.9755



27.4631, -0.0166, -8.8062



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.



23.1406, 17.0687, -62.6583



26.6253, 32.3961, -103.2131



18.1418, 37.6095, -86.6553



25.1049, -1.1118, -0.9141



18.5812, 20.5872, -67.6667



3.2917, 0.2594, -4.6743

Inverse Universe

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



27.3878, 43.9164, 9.2653



35.2538, 61.2236, 16.1872



52.2133, -22.6396, 31.1266



25.0011, 1.0746, 1.2637



23.9872, 41.7318, 10.4376



3.0290, 5.4536, -0.1078

Previews

White Background



This preview shows how the HunterLab color 23.1404, 17.0674, -62.6589 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 23.1404, 17.0674, -62.6589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

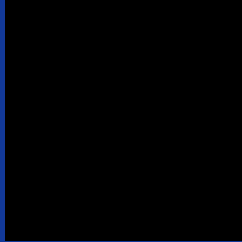
Any Text WCAG AA × Fail

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 23.1404, 17.0674, -62.6589 Background



This preview shows how black text looks on a background with the HunterLab color 23.1404, 17.0674, -62.6589.



This preview shows how white text looks on a background with the HunterLab color 23.1404, 17.0674, -62.6589.

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

23.1404, 17.0674, -62.6589

Protanopia

22.9701, 7.0545, -43.9391

Deuteranopia

22.8675, -0.6421, -27.1962



Tritanopia

23.0237, -11.4345, -4.0938

Trichromacy



Original Color

23.1404, 17.0674, -62.6589

Protanomaly

23.0342, 10.5575, -50.4846

Deuteranomaly

22.7128, 5.5317, -39.2180

Tritanomaly

22.5375, -2.6550, -21.3175

Monochromacy



Original Color

23.1404, 17.0674, -62.6589

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.1889, 2.3107, -16.5859

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.1404, 17.0674, -62.6589 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, 57, 153)` looks like.

```
.text, #text, p{  
    color:rgb(18, 57, 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(18, 57, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 57, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 23.1404, 17.0674, -62.6589 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, 57, 153) }
```


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

```
.border{ border-color:rgb(18, 57, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 57, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 57, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 57, 153);  
box-shadow:4px 4px 4px 4px rgb(18, 57,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.1404, 17.0674, -62.6589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 57, 153) }
```

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

```
.background{ background-color: rgb(18, 57,  
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](#).

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