

Converting Colors

HunterLab(19.7859, 18.8854,
-62.3120)

Have a look what the booklet for
HunterLab(19.7859, 18.8854,
-62.3120) contains.

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Color

**HunterLab(19.6987, 18.8607,
-62.2087)**

Conversions

Conversions Part 1

Format	Color
Hex	102D8C
RGB	16, 45, 140
RGB Percent	6%, 18%, 55%
CMY	0.9372, 0.8235, 0.4510
CMYK	0.89, 0.68, 0.00, 0.45
HSL	226°, 79%, 31%
HSV	226°, 89%, 55%
XYZ	5.8857, 3.8804, 25.2497
YIQ	47.1590, -47.7790, 23.3970

Conversions

Conversions Part 2

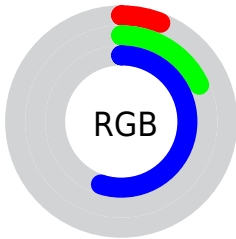
Format	Color
R_{YB}	16, 40, 140
Decimal	1060236
CIE _{Lab}	23.27, 28.54, -55.16
CIE _{LCh}	23, 62.109, 297.355
Yxy	3.8805, 0.1681, 0.1108
Android (android.graphics.Color)	4279250316 (0xFF102D8C)
YUV	47.1590, 45.7706, -27.3264
Hunter-Lab	19.6987, 18.8607, -62.2087

Details

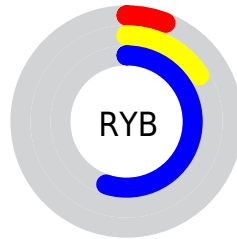
The HunterLab color **19.6987, 18.8607, -62.2087** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **41.2133, -0.2477, 24.6850**, and the grayscale version is **16.7785, -0.8953, 0.9116**.

A 20% lighter version of the original color is **36.6722, 21.1103, -60.5058**, and **8.6196, 22.4816, -59.3051** is the 20% darker color. If you saturate the color by 10%, you get **17.5104, 23.7795, -72.8041**, and if you desaturate by 10%, it is **22.2971, 14.3806, -51.9838**.

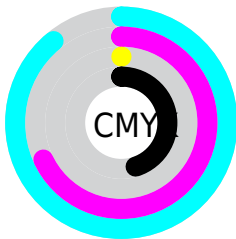
Distribution



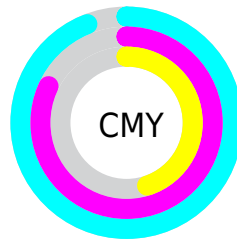
- Red (6%)
- Green (18%)
- Blue (55%)



- Red (6%)
- Yellow (16%)
- Blue (55%)



- Cyan (89%)
- Magenta (68%)
- Yellow (0%)
- Black (45%)



- Cyan (94%)
- Magenta (82%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6987, 18.8607, -62.2087 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 19.6987, 18.8607, -62.2087 by changing the saturation by 10% instead.

■ 19.6987, 18.8607,
-62.2087

■ 19.6987, 18.8607,
-62.2087

■ 117.6443, 25.9832,
-65.0962

■ 12.6764, 17.4670,
-66.1607

■ 36.5250, 21.2224,
-60.5170

■ 6.0188, 20.8190,
-88.3809

■ 46.1479, 22.2000,
-60.7697

0.0000, NaN, -NF

■ 56.4930, 23.0609,
-61.3051

0.0000, NaN, -NF

■ 67.5130, 23.8173,
-61.9885

0.0000, NaN, -NF

■ 79.1689, 24.4797,
-62.7453

0.0000, NaN, NaN

■ 91.4277, 25.0568,

0.0000, NaN, NaN

0.0000, NaN, NaN

-63.5316

0.0000, NaN, NaN

104.2611, 25.5559,
-64.3208

19.6987, 18.8607,
-62.2087

19.6987, 18.8607,
-62.2087

17.5104, 23.7795,
-72.8041

22.2971, 14.3806,
-51.9838

17.2225, 24.4808,
-74.3735

25.2565, 10.5588,
-42.4966

28.5071, 7.3811,
-33.9077

31.9940, 4.7648,
-26.1810

35.6754, 2.6137,
-19.2055

■ 39.5202, 0.8404,
-12.8559

■ 43.5045, -0.6277,
-7.0174

■ 47.6102, -1.8487,
-1.5929

■ 51.8230, -2.8683,
3.4969

Harmonies

Analogous

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



19.6989, -2.7211, -75.7005



19.6987, 18.8607, -62.2087



19.6989, 40.4797, -28.6862

Triad

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



19.6989, 18.8620, -62.2082



19.6989, 22.9788, 13.7892



19.6989, -25.9770, 2.6197

Complementary

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



19.6987, 18.8607, -62.2087



41.2133, -0.2477, 24.6850

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.



19.6989, -23.4438, 12.3960



19.6987, 18.8607, -62.2087



19.6989, 0.6743, 13.7892

Square

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



19.6989, 18.8620, -62.2082



19.6989, 43.4259, 11.3515



19.6989, -15.2664, 13.7892



19.6989, -24.2347, -22.7381

Rectangle

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



19.6987, 18.8607, -62.2087



19.6989, 49.2276, -8.2295



19.6989, -15.2664, 13.7892



19.6989, -25.6300, 7.2976

Sweetspot

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



19.6989, 18.8620, -62.2082



52.9915, 0.9058, -16.2732



44.6887, -28.8651, 7.8349



24.6967, 0.7425, -8.9670



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



19.6989, 18.8620, -62.2082



22.3993, 33.9977, -101.3885



16.9384, 34.5562, -75.8047



22.5162, -0.8479, -0.9018



16.3165, 22.8193, -69.6547



1.9250, 0.4220, -3.3170

Inverse Universe

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



24.7709, 39.3362, 10.0103



31.6217, 54.6891, 16.2782



46.9523, -22.1793, 27.9237



22.5089, 0.8764, 1.2753



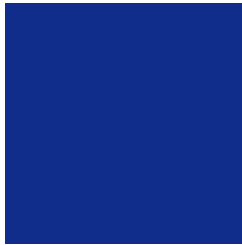
22.4788, 38.9357, 11.1142



1.8848, 3.3663, 0.1433

Previews

White Background



This preview shows how the HunterLab color 19.6987, 18.8607, -62.2087 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 19.6987, 18.8607, -62.2087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

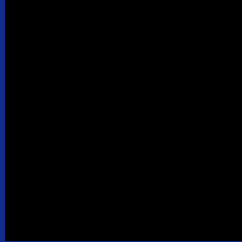
Any Text WCAG AA × Fail

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 19.6987, 18.8607, -62.2087 Background



This preview shows how black text looks on a background with the HunterLab color 19.6987, 18.8607, -62.2087.



This preview shows how white text looks on a background with the HunterLab color 19.6987, 18.8607, -62.2087.

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

19.6987, 18.8607, -62.2087

Protanopia

19.6297, 5.2627, -35.8961

Deuteranopia

19.4662, -0.8640, -22.4658



Tritanopia

19.5625, -9.8099, -3.2746

Trichromacy



Original Color

19.6987, 18.8607, -62.2087

Protanomaly

19.5868, 9.7774, -44.4828

Deuteranomaly

19.4350, 5.7470, -35.5839

Tritanomaly

19.0782, -1.3787, -19.7348

Monochromacy



Original Color

19.6987, 18.8607, -62.2087

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.0972, 3.3819, -16.4011

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6987, 18.8607, -62.2087 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(16, 45, 140)` looks like.

```
.text, #text, p{  
    color:rgb(16, 45, 140)  
}
```

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(16, 45, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 45, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6987, 18.8607, -62.2087 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(16, 45, 140) }
```


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

```
.border{ border-color:rgb(16, 45, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 45, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 45, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 45, 140);  
box-shadow:4px 4px 4px 4px rgb(16, 45,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.6987, 18.8607, -62.2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 45, 140) }
```

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

```
.background{ background-color: rgb(16, 45,  
140) }
```

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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