

Converting Colors

HunterLab(19.7815, 12.6940,
-44.7424)

Have a look what the booklet for
HunterLab(19.7815, 12.6940,
-44.7424) contains.

HunterLab(19.7815, 12.6940, -44.7424)	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(19.7815, 12.6940,
-44.7424)**

Conversions

Conversions Part 1

Format	Color
Hex	1D317C
RGB	29, 49, 124
RGB Percent	11%, 19%, 49%
CMY	0.8862, 0.8078, 0.5137
CMYK	0.77, 0.60, 0.00, 0.51
HSL	227°, 62%, 30%
HSV	227°, 77%, 49%
XYZ	5.2431, 3.9131, 19.5478
YIQ	51.5700, -35.9950, 19.0850

Conversions

Conversions Part 2

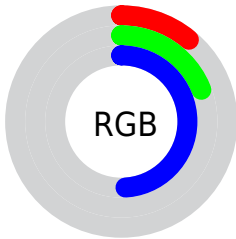
Format	Color
R_{YB}	29, 46, 124
Decimal	1913212
CIE _{Lab}	23.38, 20.59, -44.93
CIE _{LCh}	23, 49.418, 294.619
Yxy	3.9132, 0.1827, 0.1363
Android (android.graphics.Color)	4280103292 (0xFF1D317C)
YUV	51.5700, 35.7080, -19.7939
Hunter-Lab	19.7815, 12.6940, -44.7424

Details

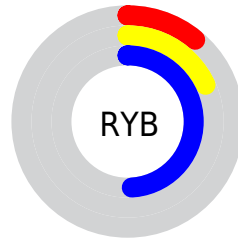
The HunterLab color **19.7815, 12.6940, -44.7424** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **37.7835, -2.4136, 21.4151**, and the grayscale version is **18.2794, -0.9753, 0.9932**.

A 20% lighter version of the original color is **36.6517, 14.0382, -44.4562**, and **7.7650, 16.0724, -44.4012** is the 20% darker color. If you saturate the color by 10%, you get **17.4232, 16.5824, -53.8639**, and if you desaturate by 10%, it is **22.4532, 9.3765, -36.3537**.

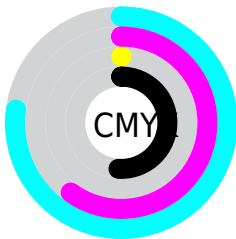
Distribution



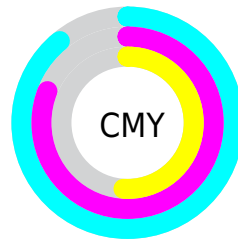
- Red (11%)
- Green (19%)
- Blue (49%)



- Red (11%)
- Yellow (18%)
- Blue (49%)



- Cyan (77%)
- Magenta (60%)
- Yellow (0%)
- Black (51%)



- Cyan (89%)
- Magenta (81%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7815, 12.6940, -44.7424 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 19.7815, 12.6940, -44.7424 by changing the saturation by 10% instead.

■ 19.7815, 12.6940,
-44.7424

■ 19.7815, 12.6940,
-44.7424

■ 117.7946, 16.6678,
-49.4070

■ 12.7480, 11.6735,
-46.3574

■ 36.6268, 14.2760,
-44.7884

■ 6.1192, 14.3363,
-59.1279

■ 46.2579, 14.8780,
-45.3446

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.6107, 15.3764,
-46.0122

0.0000, NaN, NaN

■ 67.6379, 15.7835,
-46.7204

0.0000, NaN, NaN

■ 79.3006, 16.1090,
-47.4311

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.5659, 16.3608,

-48.1230

0.0000, NaN, NaN

104.4054, 16.5452,
-48.7840

■ 19.7815, 12.6940,
-44.7424

■ 19.7815, 12.6940,
-44.7424

■ 17.4232, 16.5824,
-53.8639

■ 22.4532, 9.3765,
-36.3537

■ 15.4332, 20.8809,
-63.3822

■ 25.3752, 6.6037,
-28.8036

■ 14.8270, 22.3250,
-66.7256

■ 28.4996, 4.3005,
-22.0339

■ 31.7909, 2.3834,
-15.9324

■ 35.2221, 0.7784,
-10.3817

■ 38.7732, -0.5756,
-5.2775

■ 42.4286, -1.7270,
-0.5330

■ 46.1763, -2.7138,
3.9218

■ 50.0068, -3.5656,
8.1427

Harmonies

Analogous

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



19.7817, -3.7308, -51.6564



19.7815, 12.6940, -44.7424



19.7817, 28.9627, -22.8266

Triad

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



19.7817, 12.6948, -44.7418



19.7817, 18.9363, 13.8425



19.7817, -22.5977, 3.5171

Complementary

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



19.7815, 12.6940, -44.7424



37.7835, -2.4136, 21.4151

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.



19.7817, -19.7311, 11.3953



19.7815, 12.6940, -44.7424



19.7817, 1.7678, 13.8472

Square

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



19.7817, 12.6948, -44.7418



19.7817, 33.2645, 9.5266



19.7817, -11.8462, 13.8472



19.7817, -21.2732, -14.4166

Rectangle

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



19.7815, 12.6940, -44.7424



19.7817, 35.8799, -7.8381



19.7817, -11.8462, 13.8472



19.7817, -22.1274, 7.1365

Sweetspot

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



19.7817, 12.6948, -44.7418



48.1506, 0.4505, -11.6418



39.5783, -23.3324, 4.5913



22.6778, 0.5000, -6.6795



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



19.7817, 12.6948, -44.7418



21.0799, 26.3235, -80.9324



17.8124, 25.9904, -52.0416



20.0443, -0.7056, -0.8039



14.9380, 22.5462, -67.3420



31.0083, 54.6561, -156.7445

Inverse Universe

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



23.2076, 30.9644, 7.4191



28.2955, 46.5183, 13.2654



41.2919, -18.7936, 23.4452



20.0688, 0.7207, 1.1857



21.0526, 36.4139, 10.8083



45.8670, 79.1117, 25.2735

Previews

White Background



This preview shows how the HunterLab color 19.7815, 12.6940, -44.7424 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 19.7815, 12.6940, -44.7424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

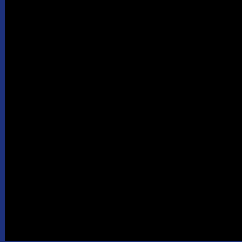
Any Text WCAG AA × Fail

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 19.7815, 12.6940, -44.7424 Background



This preview shows how black text looks on a background with the HunterLab color 19.7815, 12.6940, -44.7424.



This preview shows how white text looks on a background with the HunterLab color 19.7815, 12.6940, -44.7424.

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

19.7815, 12.6940, -44.7424

Deuteranopia

19.5143, -0.6009, -23.0940

Tritanopia

19.5923, -9.6331, -3.6937

Trichromacy



Original Color

19.7815, 12.6940, -44.7424

Deuteranomaly

19.4191, 3.8050, -30.4369

Tritanomaly

19.1977, -2.7133, -16.0654

Monochromacy



Original Color

19.7815, 12.6940, -44.7424

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.5827, 2.0384, -11.5106

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7815, 12.6940, -44.7424 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(29, 49, 124)` looks like.

```
.text, #text, p{  
    color:rgb(29, 49, 124)  
}
```

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(29, 49, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 49, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7815, 12.6940, -44.7424 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(29, 49, 124) }
```

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

```
.border{ border-color:rgb(29, 49, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 49, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 49, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 49, 124);  
box-shadow:4px 4px 4px 4px rgb(29, 49,  
124) }
```


Background

The CSS property to change the background color of an element to HunterLab 19.7815, 12.6940, -44.7424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 49, 124) }
```

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

```
.background{ background-color: rgb(29, 49,  
124) }
```

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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