

Converting Colors

HunterLab(20.2370, 22.8659,
-60.8868)

Have a look what the booklet for
HunterLab(20.2370, 22.8659,
-60.8868) contains.

HunterLab(20.1774, 22.9931, -61.2110)	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(20.1774, 22.9931,
-61.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	2A2A8D
RGB	42, 42, 141
RGB Percent	16%, 16%, 55%
CMY	0.8353, 0.8353, 0.4471
CMYK	0.70, 0.70, 0.00, 0.45
HSL	240°, 54%, 36%
HSV	240°, 70%, 55%
XYZ	6.5906, 4.0713, 25.6378
YIQ	53.2860, -31.7790, 30.7890

Conversions

Conversions Part 2

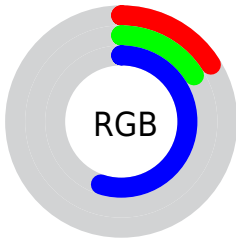
Format	Color
R_{YB}	42, 42, 141
Decimal	2763405
CIE _{Lab}	23.91, 33.41, -54.70
CIE _{LCh}	24, 64.094, 301.416
Yxy	4.0714, 0.1816, 0.1122
Android (android.graphics.Color)	4280953485 (0xFF2A2A8D)
YUV	53.2860, 43.2430, -9.8978
Hunter-Lab	20.1774, 22.9931, -61.2110

Details

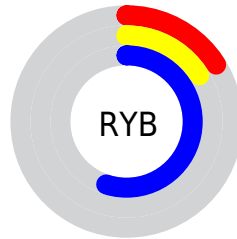
The HunterLab color **20.1774, 22.9931, -61.2110** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **49.8791, -12.4004, 27.9144**, and the grayscale version is **18.8317, -1.0048, 1.0232**.

A 20% lighter version of the original color is **37.1346, 26.0226, -60.0454**, and **8.5918, 23.3052, -61.0482** is the 20% darker color. If you saturate the color by 10%, you get **17.3044, 28.4835, -75.1795**, and if you desaturate by 10%, it is **23.6747, 17.8581, -48.2079**.

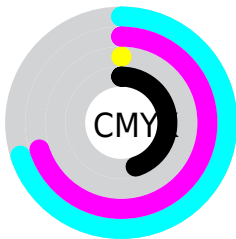
Distribution



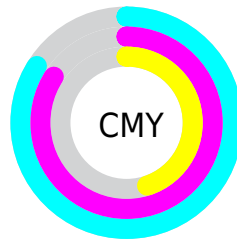
- Red (16%)
- Green (16%)
- Blue (55%)



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



- Cyan (70%)
- Magenta (70%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (84%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1774, 22.9931, -61.2110 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 20.1774, 22.9931, -61.2110 by changing the saturation by 10% instead.

■ 20.1774, 22.9931,
-61.2110

■ 20.1774, 22.9931,
-61.2110

■ 118.5105, 31.8494,
-64.4036

■ 13.0903, 21.4305,
-64.7988

■ 37.1123, 25.7557,
-59.7592

■ 6.5758, 23.4591,
-81.9617

■ 46.7826, 26.9372,
-60.0543

0.0000, INF, -NF

■ 57.1718, 27.9986,
-60.6118

0.0000, NaN, -NF

■ 68.2332, 28.9508,
-61.3057

0.0000, NaN, -NF

■ 79.9282, 29.8039,
-62.0657

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.2242, 30.5666,

0.0000, NaN, NaN

-62.8505

0.0000, NaN, NaN

105.0931, 31.2463,
-63.6350

20.1774, 22.9931,
-61.2110

20.1774, 22.9931,
-61.2110

17.3044, 28.4835,
-75.1795

23.6747, 17.8581,
-48.2079

15.2435, 33.5157,
-88.0344

27.6372, 13.3218,
-36.7973

13.8678, 37.6160,
-98.5332

31.9518, 9.3616,
-26.9078

36.5412, 5.8752,
-18.2682

41.3519, 2.7576,
-10.6018

■ 46.3466, -0.0783,
-3.6799

■ 51.4984, -2.6998,
2.6737

■ 56.7872, -5.1575,
8.5916

■ 62.1977, -7.4892,
14.1734

Harmonies

Analogous

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



20.1776, -0.1234, -79.7042



20.1774, 22.9931, -61.2110



20.1776, 44.7201, -25.2345

Triad

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



20.1776, 22.9943, -61.2104



20.1776, 20.6895, 14.1243



20.1776, -26.8526, 0.1779

Complementary

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



20.1774, 22.9931, -61.2110



49.8791, -12.4004, 27.9144

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.



20.1776, -24.8853, 11.9566



20.1774, 22.9931, -61.2110



20.1776, -2.0146, 14.1243

Square

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



20.1776, 22.9943, -61.2104



20.1776, 43.0660, 12.5202



20.1776, -17.4012, 14.1243



20.1776, -24.4513, -28.5815

Rectangle

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



20.1774, 22.9931, -61.2110



20.1776, 52.4151, -5.1257



20.1776, -17.4012, 14.1243



20.1776, -26.6874, 5.8114

Sweetspot

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



20.1776, 22.9943, -61.2104



54.5272, 4.1839, -15.3970



46.3306, -22.1796, -4.0878



25.0336, 2.4367, -8.4041



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.



20.1776, 22.9943, -61.2104



21.4665, 42.0624, -110.6785



24.1426, 31.6829, -46.4545



22.9238, -0.1739, -1.4703



13.2422, 35.9190, -94.0879



1.2949, 3.5122, -9.1989

Inverse Universe

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



30.3999, 44.3869, -29.6329



38.0549, 68.1590, -45.6581



46.3322, -25.9631, 25.2921



23.4756, 1.6978, -0.7308



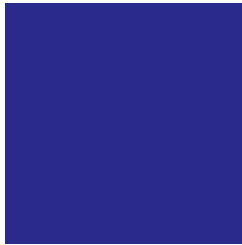
26.2994, 51.7048, -34.6816



2.5716, 5.0557, -3.3915

Previews

White Background



This preview shows how the HunterLab color 20.1774, 22.9931, -61.2110 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 20.1774, 22.9931, -61.2110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

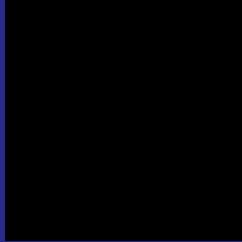
Any Text WCAG AA × Fail

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 20.1774, 22.9931, -61.2110 Background



This preview shows how black text looks on a background with the HunterLab color 20.1774, 22.9931, -61.2110.



This preview shows how white text looks on a background with the HunterLab color 20.1774, 22.9931, -61.2110.

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

20.1774, 22.9931, -61.2110

Protanopia

19.9833, 5.3911, -36.6153

Deuteranopia

20.0718, -1.1889, -22.5215



Tritanopia

19.9308, -9.6150, -4.1557

Trichromacy



Original Color

20.1774, 22.9931, -61.2110

Protanomaly

19.6556, 11.3662, -46.2144

Deuteranomaly

19.6537, 6.5432, -35.8002

Tritanomaly

19.1315, 0.3765, -21.7566

Monochromacy



Original Color

20.1774, 22.9931, -61.2110

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.7229, 5.4142, -15.5840

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1774, 22.9931, -61.2110 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(42, 42, 141)` looks like.

```
.text, #text, p{  
    color:rgb(42, 42, 141)  
}
```

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(42, 42, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 42, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1774, 22.9931, -61.2110 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(42, 42, 141) }
```


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

```
.border{ border-color:rgb(42, 42, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 42, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 42, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 42, 141);  
box-shadow:4px 4px 4px 4px rgb(42, 42,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.1774, 22.9931, -61.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 42, 141) }
```

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

```
.background{ background-color: rgb(42, 42,  
141) }
```

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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