

Converting Colors

HunterLab(20.2160, 42.4927,
-113.4395)

Have a look what the booklet for
HunterLab(20.2160, 42.4927,
-113.4395) contains.

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Color

**HunterLab(20.1920, 42.5839,
-113.6025)**

Conversions

Conversions Part 1

Format	Color
Hex	1218B4
RGB	18, 24, 180
RGB Percent	7%, 9%, 71%
CMY	0.9293, 0.9059, 0.2941
CMYK	0.90, 0.87, 0.00, 0.29
HSL	238°, 82%, 39%
HSV	238°, 90%, 71%
XYZ	8.8143, 4.0772, 43.5025
YIQ	39.9900, -53.6520, 47.2440

Conversions

Conversions Part 2

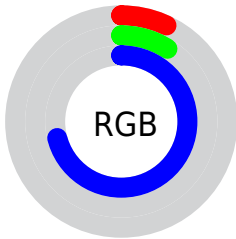
Format	Color
R_{YB}	18, 24, 180
Decimal	1185972
CIE _{Lab}	23.92, 54.23, -78.47
CIE _{LCh}	24, 95.385, 304.649
Yxy	4.0772, 0.1563, 0.0723
Android (android.graphics.Color)	4279376052 (0xFF1218B4)
YUV	39.9900, 69.0249, -19.2852
Hunter-Lab	20.1920, 42.5839, -113.6025

Details

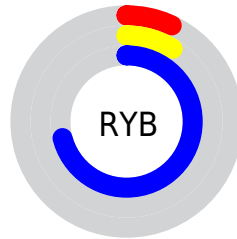
The HunterLab color **20.1920, 42.5839, -113.6025** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **63.2697, -14.5917, 38.1938**, and the grayscale version is **14.3612, -0.7663, 0.7803**.

A 20% lighter version of the original color is **37.1978, 46.3018, -103.9737**, and **12.2734, 33.2915, -87.2075** is the 20% darker color. If you saturate the color by 10%, you get **18.5472, 47.5265, -125.7738**, and if you desaturate by 10%, it is **22.9776, 35.6955, -96.6363**.

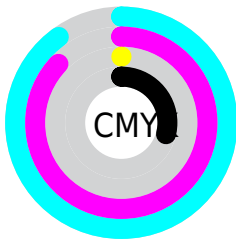
Distribution



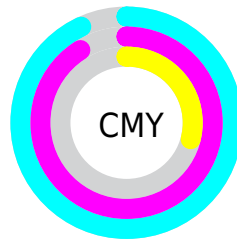
- Red (7%)
- Green (9%)
- Blue (71%)



- Red (7%)
- Yellow (9%)
- Blue (71%)



- Cyan (90%)
- Magenta (87%)
- Yellow (0%)
- Black (29%)



- Cyan (93%)
- Magenta (91%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1920, 42.5839, -113.6025 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 20.1920, 42.5839, -113.6025 by changing the saturation by 10% instead.

■ 20.1920, 42.5839,
-113.6025

■ 20.1920, 42.5839,
-113.6025

■ 118.5365, 57.9337,
-105.4220

■ 13.1028, 40.7803,
-126.3306

■ 37.1300, 46.6089,
-104.5705

■ 6.5918, 45.1032,
-171.1872

■ 46.8017, 48.5361,
-103.1750

0.0000, INF, -NF

■ 57.1922, 50.3610,
-102.6911

0.0000, NaN, -NF

■ 68.2548, 52.0781,
-102.7577

0.0000, NaN, -NF

■ 79.9510, 53.6891,
-103.1684

0.0000, NaN, NaN

■ 92.2481, 55.1984,

0.0000, NaN, NaN

-103.7978

0.0000, NaN, NaN

105.1181, 56.6114,
-104.5665

20.1920, 42.5839,
-113.6025

20.1920, 42.5839,
-113.6025

18.5472, 47.5265,
-125.7738

22.9776, 35.6955,
-96.6363

18.5455, 47.5318,
-125.7878

26.7845, 28.4856,
-78.5803

31.3742, 21.8863,
-61.8850

36.5497, 16.1383,
-47.2416

42.1705, 11.1746,
-34.5288

■ 48.1401, 6.8474,
-23.3979

■ 54.3919, 3.0139,
-13.5000

■ 60.8790, -0.4418,
-4.5476

■ 67.5673, -3.6088,
3.6810

Harmonies

Analogous

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



20.1920, 3.7494, -161.8463



20.1920, 42.5839, -113.6025



20.1920, 80.4910, -38.5891

Triad

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



20.1920, 42.5868, -113.6027



20.1920, 29.5569, 14.1344



20.1920, -33.5980, -3.8051

Complementary

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



20.1920, 42.5839, -113.6025



63.2697, -14.5917, 38.1938

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.



20.1920, -31.6836, 14.0502



20.1920, 42.5839, -113.6025



20.1920, -5.4915, 14.1344

Square

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



20.1920, 42.5868, -113.6027



20.1920, 70.3978, 14.1344



20.1920, -24.3314, 14.1344



20.1920, -30.0150, -60.3561

Rectangle

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



20.1920, 42.5839, -113.6025



20.1920, 92.6938, -4.6351



20.1920, -24.3314, 14.1344



20.1920, -33.5760, 5.5274

Sweetspot

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



20.1920, 42.5868, -113.6027



66.9157, 7.8611, -28.0015



59.7882, -32.9520, -2.3910



29.8219, 4.4966, -15.1888



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



20.1920, 42.5868, -113.6027



24.8250, 64.6380, -170.5640



24.3894, 50.7116, -89.0537



28.7727, -0.3109, -1.8649



15.5639, 39.4086, -104.5254



3.0458, 5.8700, -16.4788

Inverse Universe

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



31.9416, 51.4204, 18.9790



41.9680, 71.9166, 26.7687



59.8491, -37.6073, 35.6524



29.1722, 1.0116, 2.3099



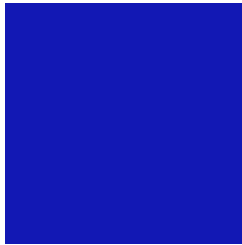
26.0474, 44.6544, 16.4634



4.6384, 7.9878, 2.6529

Previews

White Background



This preview shows how the HunterLab color 20.1920, 42.5839, -113.6025 looks on a white background.

Color Contrast Check

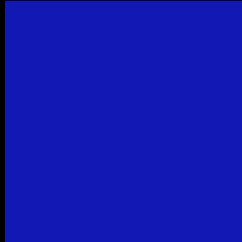
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1920, 42.5839, -113.6025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

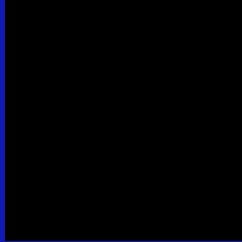
Any Text WCAG AA × Fail

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 20.1920, 42.5839, -113.6025 Background



This preview shows how black text looks on a background with the HunterLab color 20.1920, 42.5839, -113.6025.



This preview shows how white text looks on a background with the HunterLab color 20.1920, 42.5839, -113.6025.

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

20.1920, 42.5839, -113.6025

Protanopia

20.2798, 5.2195, -36.6154

Deuteranopia

20.3287, -1.6117, -21.9300



Tritanopia

20.1793, -10.1343, -3.3452

Trichromacy



Original Color

20.1920, 42.5839, -113.6025

Protanomaly

19.3390, 18.9703, -63.8171

Deuteranomaly

19.0702, 13.4320, -51.5070

Tritanomaly

18.2332, 6.2008, -34.7900

Monochromacy



Original Color

20.1920, 42.5839, -113.6025

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.8542, 10.7289, -30.1648

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1920, 42.5839, -113.6025 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, 24, 180)` looks like.

```
.text, #text, p{  
    color:rgb(18, 24, 180)  
}
```

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, 24, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 24, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1920, 42.5839, -113.6025 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, 24, 180) }
```


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

```
.border{ border-color:rgb(18, 24, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 24, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 24, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 24, 180);  
box-shadow:4px 4px 4px 4px rgb(18, 24,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.1920, 42.5839, -113.6025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 24, 180) }
```

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

```
.background{ background-color: rgb(18, 24,  
180) }
```

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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