

Converting Colors

HunterLab(20.9954, 22.3440,
-68.4786)

Have a look what the booklet for
HunterLab(20.9954, 22.3440,
-68.4786) contains.

HunterLab(20.9180, 22.3420, -68.5037)	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(20.9180, 22.3420,
-68.5037)**

Conversions

Conversions Part 1

Format	Color
Hex	1A2E96
RGB	26, 46, 150
RGB Percent	10%, 18%, 59%
CMY	0.8980, 0.8196, 0.4118
CMYK	0.83, 0.69, 0.00, 0.41
HSL	230°, 70%, 35%
HSV	230°, 83%, 59%
XYZ	6.9080, 4.3756, 29.3347
YIQ	51.8760, -45.3040, 28.1040

Conversions

Conversions Part 2

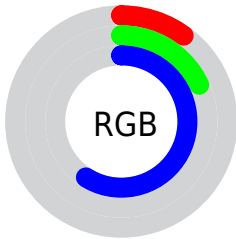
Format	Color
R_{YB}	26, 43, 150
Decimal	1715862
CIE _{Lab}	24.88, 32.47, -58.70
CIE _{LCh}	25, 67.080, 298.953
Yxy	4.3757, 0.1701, 0.1077
Android (android.graphics.Color)	4279905942 (0xFF1A2E96)
YUV	51.8760, 48.3751, -22.6933
Hunter-Lab	20.9180, 22.3420, -68.5037

Details

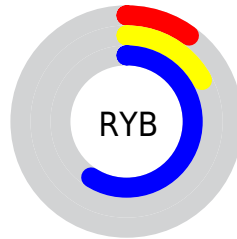
The HunterLab color **20.9180, 22.3420, -68.5037** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **47.4630, -5.0282, 27.9368**, and the grayscale version is **18.3436, -0.9788, 0.9966**.

A 20% lighter version of the original color is **38.0023, 24.9138, -66.2586**, and **9.9518, 23.1006, -62.3064** is the 20% darker color. If you saturate the color by 10%, you get **18.3964, 27.9526, -81.1701**, and if you desaturate by 10%, it is **23.9973, 17.2323, -56.2015**.

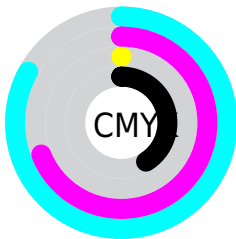
Distribution



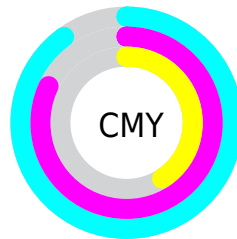
- Red (10%)
- Green (18%)
- Blue (59%)



- Red (10%)
- Yellow (17%)
- Blue (59%)



- Cyan (83%)
- Magenta (69%)
- Yellow (0%)
- Black (41%)



- Cyan (90%)
- Magenta (82%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9180, 22.3420, -68.5037 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 20.9180, 22.3420, -68.5037 by changing the saturation by 10% instead.

■ 20.9180, 22.3420,
-68.5037

■ 20.9180, 22.3420,
-68.5037

■ 119.8411, 30.7698,
-70.9158

■ 13.7327, 20.8199,
-72.7918

■ 38.0179, 25.0012,
-66.4246

■ 7.3475, 21.0636,
-88.1012

■ 47.7603, 26.1309,
-66.5859

0.0000, INF, -NF

■ 58.2166, 27.1422,
-67.0711

0.0000, NaN, -NF

■ 69.3411, 28.0463,
-67.7333

0.0000, NaN, -NF

■ 81.0958, 28.8531,
-68.4896

0.0000, NaN, NaN

■ 93.4485, 29.5713,

0.0000, NaN, NaN

0.0000, NaN, NaN

-69.2906

0.0000, NaN, NaN

106.3717, 30.2081,
-70.1058

■ 20.9180, 22.3420,
-68.5037

■ 20.9180, 22.3420,
-68.5037

■ 18.3964, 27.9526,
-81.1701

■ 23.9973, 17.2323,
-56.2015

■ 16.9197, 31.9532,
-90.1259

■ 27.5143, 12.8343,
-44.9988

■ 31.3739, 9.1306,
-35.0364

■ 35.5057, 6.0192,
-26.1993

■ 39.8588, 3.3873,
-18.3007

■ 44.3962, 1.1360,
-11.1577

■ 49.0903, -0.8143,
-4.6146

■ 53.9206, -2.5256,
1.4538

■ 58.8711, -4.0455,
7.1456

Harmonies

Analogous

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



20.9182, -1.8531, -85.7410



20.9180, 22.3420, -68.5037



20.9182, 46.1693, -30.1080

Triad

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



20.9182, 22.3435, -68.5032



20.9182, 24.1620, 14.6427



20.9182, -28.1755, 1.8313

Complementary

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



20.9180, 22.3420, -68.5037



47.4630, -5.0282, 27.9368

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.



20.9182, -25.7491, 12.9991



20.9180, 22.3420, -68.5037



20.9182, -0.3711, 14.6427

Square

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



20.9182, 22.3435, -68.5032



20.9182, 47.4794, 12.5782



20.9182, -17.3452, 14.6427



20.9182, -26.0821, -27.4487

Rectangle

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



20.9180, 22.3420, -68.5037



20.9182, 55.3834, -7.6798



20.9182, -17.3452, 14.6427



20.9182, -27.8867, 7.2618

Sweetspot

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



20.9182, 22.3435, -68.5032



57.2474, 2.3118, -17.4221



48.6071, -28.8119, 3.9707



26.0496, 1.5294, -9.6064



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



20.9182, 22.3435, -68.5032



22.3135, 43.1844, -120.7992



20.3635, 36.3558, -70.8276



24.0314, -0.6781, -1.1659



15.5168, 28.7126, -81.3768



2.4093, 1.2462, -5.7016

Inverse Universe

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



27.2408, 40.3999, 11.8673



34.0500, 58.3144, 19.5139



50.1177, -25.8790, 29.2723



24.1448, 0.8964, 1.5635



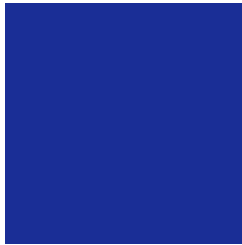
23.3161, 40.1813, 13.1150



2.6348, 4.6490, 0.6425

Previews

White Background



This preview shows how the HunterLab color 20.9180, 22.3420, -68.5037 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 20.9180, 22.3420, -68.5037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

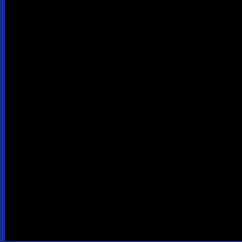
Any Text WCAG AA × Fail

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 20.9180, 22.3420, -68.5037 Background



This preview shows how black text looks on a background with the HunterLab color 20.9180, 22.3420, -68.5037.



This preview shows how white text looks on a background with the HunterLab color 20.9180, 22.3420, -68.5037.

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

20.9180, 22.3420, -68.5037

Protanopia

20.6938, 5.6494, -38.0608

Deuteranopia

20.7768, -0.9897, -23.8328



Tritanopia

20.8294, -10.2823, -3.8384

Trichromacy



Original Color

20.9180, 22.3420, -68.5037

Protanomaly

20.5985, 11.4622, -48.9130

Deuteranomaly

20.5973, 6.5663, -38.3426

Tritanomaly

20.2160, -0.6885, -22.1753

Monochromacy



Original Color

20.9180, 22.3420, -68.5037

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.7066, 4.4614, -17.6571

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9180, 22.3420, -68.5037 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(26, 46, 150)` looks like.

```
.text, #text, p{  
    color:rgb(26, 46, 150)  
}
```

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(26, 46, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 46, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9180, 22.3420, -68.5037 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(26, 46, 150) }
```


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

```
.border{ border-color:rgb(26, 46, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 46, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 46, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 46, 150);  
box-shadow:4px 4px 4px 4px rgb(26, 46,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.9180, 22.3420, -68.5037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 46, 150) }
```

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

```
.background{ background-color: rgb(26, 46,  
150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor