

Converting Colors

HunterLab(20.5711, 34.3228,
-79.9559)

Have a look what the booklet for
HunterLab(20.5711, 34.3228,
-79.9559) contains.

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Color

**HunterLab(20.5711, 34.3228,
-79.9559)**

Conversions

Conversions Part 1

Format	Color
Hex	34209E
RGB	52, 32, 158
RGB Percent	20%, 13%, 62%
CMY	0.7961, 0.8745, 0.3804
CMYK	0.67, 0.80, 0.00, 0.38
HSL	250°, 66%, 37%
HSV	250°, 80%, 62%
XYZ	8.1042, 4.2317, 32.7374
YIQ	52.3440, -28.5260, 43.4260

Conversions

Conversions Part 2

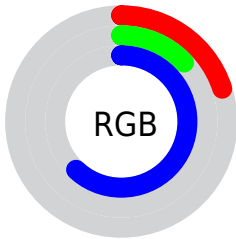
Format	Color
R _{YB}	52, 32, 158
Decimal	3416222
CIE Lab	24.42, 45.83, -64.29
CIE LCh	24, 78.956, 305.486
Yxy	4.2318, 0.1798, 0.0939
Android (android.graphics.Color)	4281606302 (0xFF34209E)
YUV	52.3440, 52.0884, -0.3017
Hunter-Lab	20.5711, 34.3228, -79.9559

Details

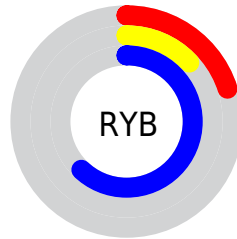
The HunterLab color $[20.5711, 34.3228, -79.9559]$ is a dark color, and the websafe version is hex $\#330099$. A complement of this color would be $[54.7364, -20.8895, 31.8825]$, and the grayscale version is $[18.4841, -0.9863, 1.0043]$.

A 20% lighter version of the original color is $[37.5541, 37.9766, -76.6346]$, and $[10.0991, 27.3938, -71.7585]$ is the 20% darker color. If you saturate the color by 10%, you get $[18.0856, 39.2716, -94.2141]$, and if you desaturate by 10%, it is $[23.8748, 28.6479, -65.1188]$.

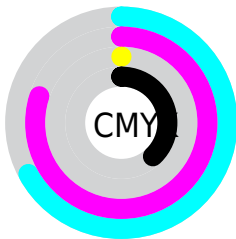
Distribution



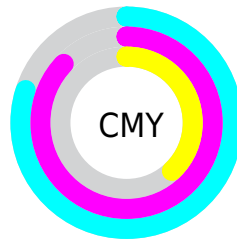
- Red (20%)
- Green (13%)
- Blue (62%)



- Red (20%)
- Yellow (13%)
- Blue (62%)



- Cyan (67%)
- Magenta (80%)
- Yellow (0%)
- Black (38%)



- Cyan (80%)
- Magenta (87%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5711, 34.3228, -79.9559 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 20.5711, 34.3228, -79.9559 by changing the saturation by 10% instead.

■ 20.5711, 34.3228,
-79.9559

■ 20.5711, 34.3228,
-79.9559

■ 119.2191, 47.2484,
-80.1950

■ 13.4315, 32.5013,
-86.1931

■ 37.5941, 37.9395,
-76.3172

■ 6.9978, 34.2820,
-108.7069

■ 47.3029, 39.5926,
-76.1498

0.0000, INF, -NF

0.0000, NaN, -NF

■ 57.7280, 41.1287,
-76.4436

0.0000, NaN, -NF

■ 68.8230, 42.5518,
-77.0013

0.0000, NaN, -NF

■ 80.5499, 43.8684,
-77.7109

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.8762, 45.0856,

-78.5053

0.0000, NaN, NaN

105.7740, 46.2102,
-79.3424

20.5711, 34.3228,
-79.9559

20.5711, 34.3228,
-79.9559

18.0856, 39.2716,
-94.2141

23.8748, 28.6479,
-65.1188

16.3993, 43.0017,
-106.0924

27.8117, 23.0376,
-51.4195

16.3598, 43.1058,
-106.3971

32.2293, 17.8023,
-39.3368

37.0167, 12.9894,
-28.7749

42.0964, 8.5496,
-19.4706

■ 47.4141, 4.4118,
-11.1566

■ 52.9310, 0.5096,
-3.6094

■ 58.6187, -3.2119,
3.3461

■ 64.4560, -6.7957,
9.8433

Harmonies

Analogous

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



20.5713, 3.6366, -113.5154



20.5711, 34.3228, -79.9559



20.5713, 62.3154, -27.7886

Triad

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



20.5713, 34.3244, -79.9553



20.5713, 22.5206, 14.3999



20.5713, -30.3485, -3.6794

Complementary

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



20.5711, 34.3228, -79.9559



54.7364, -20.8895, 31.8825

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.



20.5713, -28.9176, 12.5160



20.5711, 34.3228, -79.9559



20.5713, -5.4411, 14.3999

Square

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



20.5713, 34.3244, -79.9553



20.5713, 53.5425, 14.3999



20.5713, -22.0314, 14.3999



20.5713, -27.2303, -46.0883

Rectangle

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



20.5711, 34.3228, -79.9559



20.5713, 70.7844, -2.7585



20.5713, -22.0314, 14.3999



20.5713, -30.3733, 4.3646

Sweetspot

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



20.5713, 34.3244, -79.9553



60.4754, 8.5330, -20.1780



46.1193, -18.7271, -13.4951



27.5740, 4.9517, -11.3990



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



20.5713, 34.3244, -79.9553



22.6019, 56.5011, -139.1813



26.5936, 44.8427, -54.9470



25.4624, 0.1528, -1.5542



14.6815, 38.6088, -94.9017



2.2590, 5.4334, -10.6711

Inverse Universe

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



31.8383, 51.9488, -24.2430



40.5927, 76.0115, -32.9426



51.0868, -35.3282, 29.2752



25.9547, 1.7503, -0.3533



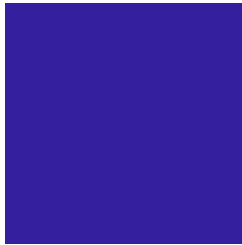
26.7972, 50.9626, -21.9987



3.6445, 7.0294, -3.7548

Previews

White Background



This preview shows how the HunterLab color 20.5711, 34.3228, -79.9559 looks on a white background.

Color Contrast Check

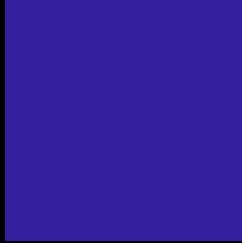
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5711, 34.3228, -79.9559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

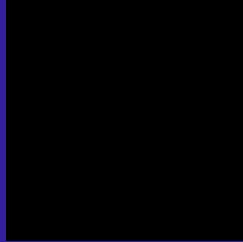
Any Text WCAG AA × Fail

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 20.5711, 34.3228, -79.9559 Background



This preview shows how black text looks on a background with the HunterLab color 20.5711, 34.3228, -79.9559.



This preview shows how white text looks on a background with the HunterLab color 20.5711, 34.3228, -79.9559.

-79.9559.

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

20.5711, 34.3228, -79.9559

Protanopia

20.6353, 5.3478, -37.3368

Deuteranopia

20.4238, -1.0898, -23.1754



Tritanopia

20.5189, -10.1193, -3.8022

Trichromacy



Original Color

20.5711, 34.3228, -79.9559

Protanomaly

19.8641, 15.1929, -53.7272

Deuteranomaly

19.5571, 10.6990, -43.5813

Tritanomaly

19.0374, 3.1640, -26.5580

Monochromacy



Original Color

20.5711, 34.3228, -79.9559

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.3362, 9.2154, -20.5436

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5711, 34.3228, -79.9559 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(52, 32, 158)` looks like.

```
.text, #text, p{  
    color:rgb(52, 32, 158)  
}
```

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(52, 32, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 32, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5711, 34.3228, -79.9559 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(52, 32, 158) }
```


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

```
.border{ border-color:rgb(52, 32, 158) }
```

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

Here you see how a box with a 4 pixel rgb(52, 32, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 32, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 32, 158);  
box-shadow:4px 4px 4px 4px rgb(52, 32,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5711, 34.3228, -79.9559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 32, 158) }
```

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

```
.background{ background-color: rgb(52, 32,  
158) }
```

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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