

Converting Colors

HunterLab(20.4491, 36.8253,
-104.3471)

Have a look what the booklet for
HunterLab(20.4491, 36.8253,
-104.3471) contains.

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Color

**HunterLab(20.5150, 36.5930,
-103.9321)**

Conversions

Conversions Part 1

Format	Color
Hex	0421AF
RGB	4, 33, 175
RGB Percent	2%, 13%, 69%
CMY	0.9842, 0.8706, 0.3137
CMYK	0.98, 0.81, 0.00, 0.31
HSL	230°, 95%, 35%
HSV	230°, 98%, 69%
XYZ	8.3318, 4.2087, 40.9306
YIQ	40.5170, -62.8660, 38.0140

Conversions

Conversions Part 2

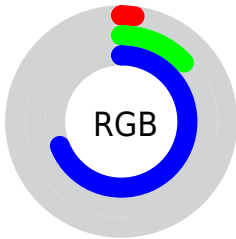
Format	Color
R_{YB}	4, 29, 175
Decimal	270767
CIE Lab	24.35, 48.19, -74.77
CIE LCh	24, 88.959, 302.802
Yxy	4.2087, 0.1558, 0.0787
Android (android.graphics.Color)	4278460847 (0xFF0421AF)
YUV	40.5170, 66.3001, -32.0254
Hunter-Lab	20.5150, 36.5930, -103.9321

Details

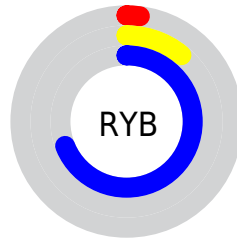
The HunterLab color **20.5150, 36.5930, -103.9321** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **54.4901, -3.6813, 33.3861**, and the grayscale version is **14.5433, -0.7760, 0.7902**.

A 20% lighter version of the original color is **37.4837, 40.3976, -96.9526**, and **11.7494, 31.8702, -83.4842** is the 20% darker color. If you saturate the color by 10%, you get **20.0148, 38.0448, -107.1446**, and if you desaturate by 10%, it is **23.1003, 29.8641, -89.3390**.

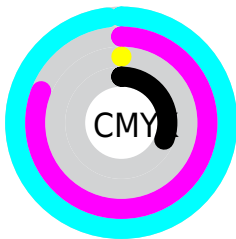
Distribution



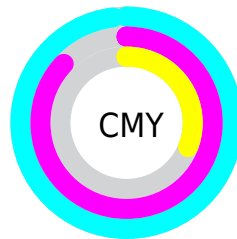
- Red (2%)
- Green (13%)
- Blue (69%)



- Red (2%)
- Yellow (11%)
- Blue (69%)



- Cyan (98%)
- Magenta (81%)
- Yellow (0%)
- Black (31%)



- Cyan (98%)
- Magenta (87%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5150, 36.5930, -103.9321 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 20.5150, 36.5930, -103.9321 by changing the saturation by 10% instead.

■ 20.5150, 36.5930,
-103.9321

■ 20.5150, 36.5930,
-103.9321

■ 119.1181, 50.2298,
-98.6408

■ 13.3827, 34.7580,
-114.4410

■ 37.5254, 40.3411,
-96.7053

■ 6.9393, 36.9558,
-149.3300

■ 47.2287, 42.0752,
-95.7216

0.0000, INF, -NF

0.0000, NaN, -NF

■ 57.6486, 43.6953,
-95.5028

0.0000, NaN, -NF

■ 68.7389, 45.2030,
-95.7422

0.0000, NaN, -NF

■ 80.4613, 46.6039,
-96.2643

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7832, 47.9044,

-96.9625

0.0000, NaN, NaN

105.6770, 49.1110,
-97.7695

20.5150, 36.5930,
-103.9321

20.5150, 36.5930,
-103.9321

20.0148, 38.0448,
-107.1446

23.1003, 29.8641,
-89.3390

26.4190, 23.3726,
-74.3314

30.3374, 17.6614,
-60.2607

34.7246, 12.8290,
-47.6275

39.4806, 8.7880,
-36.4255

■ 44.5325, 5.4010,
-26.4624

■ 49.8275, 2.5364,
-17.5117

■ 55.3268, 0.0851,
-9.3691

■ 61.0017, -2.0391,
-1.8662

Harmonies

Analogous

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



20.5151, 1.5813, -142.0315



20.5150, 36.5930, -103.9321



20.5151, 71.2955, -38.3204

Triad

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



20.5151, 36.5956, -103.9321



20.5151, 29.4665, 14.3605



20.5151, -32.4810, -1.5258

Complementary

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



20.5150, 36.5930, -103.9321



54.4901, -3.6813, 33.3861

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.



20.5151, -30.4144, 14.0933



20.5150, 36.5930, -103.9321



20.5151, -3.6422, 14.3605

Square

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



20.5151, 36.5956, -103.9321



20.5151, 65.8624, 14.3605



20.5151, -22.7524, 14.3605



20.5151, -29.4906, -49.8764

Rectangle

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



20.5150, 36.5930, -103.9321



20.5151, 83.3287, -6.3232



20.5151, -22.7524, 14.3605



20.5151, -32.3547, 6.5168

Sweetspot

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



20.5151, 36.5956, -103.9321



65.3818, 4.0417, -25.5104



57.1744, -36.4025, 7.3741



29.4186, 2.6478, -14.3632



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



20.5151, 36.5956, -103.9321



26.3787, 52.4013, -146.0905



20.2173, 48.8189, -105.6279



28.2283, -0.8071, -1.4239



17.1256, 31.5208, -89.4499



3.8218, 2.4827, -10.1363

Inverse Universe

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



30.5144, 51.8794, 16.9159



40.5778, 69.8428, 23.4916



58.9268, -32.7913, 35.6198



28.3490, 1.1300, 1.8179



25.6887, 44.2743, 14.4174



4.3599, 7.6619, 1.3024

Previews

White Background



This preview shows how the HunterLab color 20.5150, 36.5930, -103.9321 looks on a white background.

Color Contrast Check

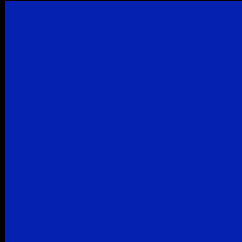
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5150, 36.5930, -103.9321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

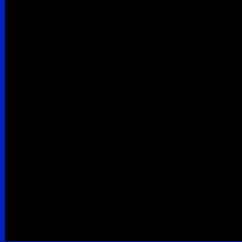
Any Text WCAG AA × Fail

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 20.5150, 36.5930, -103.9321 Background



This preview shows how black text looks on a background with the HunterLab color 20.5150, 36.5930, -103.9321.



This preview shows how white text looks on a background with the HunterLab color 20.5150, 36.5930, -103.9321.

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

20.5150, 36.5930, -103.9321

Deuteranopia

20.4238, -1.0898, -23.1754

Tritanopia

20.4889, -10.2972, -3.3806

Trichromacy



Original Color

20.5150, 36.5930, -103.9321

Deuteranomaly

19.6117, 11.6379, -49.4517

Tritanomaly

19.0110, 3.7194, -31.6014

Monochromacy



Original Color

20.5150, 36.5930, -103.9321

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.3990, 8.0292, -27.6136

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5150, 36.5930, -103.9321 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(4, 33, 175)` looks like.

```
.text, #text, p{  
    color:rgb(4, 33, 175)  
}
```

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(4, 33, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 33, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5150, 36.5930, -103.9321 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(4, 33, 175) }
```

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

```
.border{ border-color:rgb(4, 33, 175) }
```

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

Here you see how a box with a 4 pixel rgb(4, 33, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 33, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 33, 175);  
box-shadow:4px 4px 4px 4px rgb(4, 33, 175)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 20.5150, 36.5930, -103.9321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 33, 175) }
```

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

```
.background{ background-color: rgb(4, 33,  
175) }
```

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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