

Converting Colors

HunterLab(20.3767, 26.1457,
-69.5149)

Have a look what the booklet for
HunterLab(20.3767, 26.1457,
-69.5149) contains.

HunterLab(20.3436, 26.3333, -69.8715)	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(20.3436, 26.3333,
-69.8715)**

Conversions

Conversions Part 1

Format	Color
Hex	282895
RGB	40, 40, 149
RGB Percent	16%, 16%, 58%
CMY	0.8431, 0.8431, 0.4157
CMYK	0.73, 0.73, 0.00, 0.42
HSL	240°, 58%, 37%
HSV	240°, 73%, 58%
XYZ	7.0587, 4.1386, 28.8605
YIQ	52.4260, -34.9890, 33.8990

Conversions

Conversions Part 2

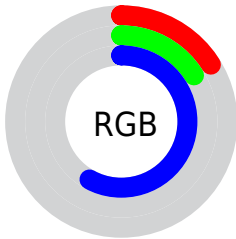
Format	Color
R_{YB}	40, 40, 149
Decimal	2631829
CIE _{Lab}	24.12, 37.22, -59.29
CIE _{LCh}	24, 70.006, 302.117
Yxy	4.1387, 0.1762, 0.1033
Android (android.graphics.Color)	4280821909 (0xFF282895)
YUV	52.4260, 47.6110, -10.8976
Hunter-Lab	20.3436, 26.3333, -69.8715

Details

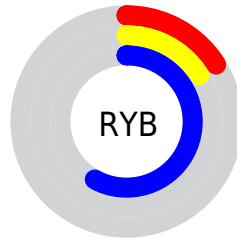
The HunterLab color **20.3436, 26.3333, -69.8715** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **52.9499, -13.3624, 30.1458**, and the grayscale version is **18.5281, -0.9886, 1.0067**.

A 20% lighter version of the original color is **37.2021, 29.4496, -67.6050**, and **9.2901, 25.1995, -66.0104** is the 20% darker color. If you saturate the color by 10%, you get **17.5427, 32.1639, -84.7264**, and if you desaturate by 10%, it is **23.8795, 20.6771, -55.5217**.

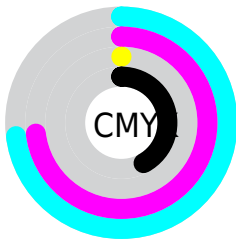
Distribution



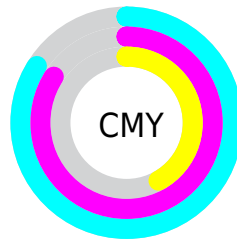
- Red (16%)
- Green (16%)
- Blue (58%)



- Red (16%)
- Yellow (16%)
- Blue (58%)



- Cyan (73%)
- Magenta (73%)
- Yellow (0%)
- Black (42%)



- Cyan (84%)
- Magenta (84%)
- Yellow (42%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3436, 26.3333, -69.8715 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 20.3436, 26.3333, -69.8715 by changing the saturation by 10% instead.

■ 20.3436, 26.3333,
-69.8715

■ 20.3436, 26.3333,
-69.8715

■ 118.8100, 36.5026,
-71.8310

■ 13.2342, 24.6629,
-74.6508

■ 37.3158, 29.3876,
-67.4557

■ 6.7575, 26.4353,
-94.4248

■ 47.0024, 30.7226,
-67.5542

0.0000, INF, -NF

0.0000, NaN, -NF

■ 57.4068, 31.9364,
-68.0046

0.0000, NaN, -NF

■ 68.4824, 33.0385,
-68.6484

0.0000, NaN, NaN

■ 80.1909, 34.0382,
-69.3966

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.4997, 34.9440,

-70.1962

0.0000, NaN, NaN

105.3809, 35.7633,
-71.0146

20.3436, 26.3333,
-69.8715

20.3436, 26.3333,
-69.8715

17.5427, 32.1639,
-84.7264

23.8795, 20.6771,
-55.5217

15.6755, 37.0573,
-97.2385

27.9642, 15.6229,
-42.7808

14.7309, 39.9572,
-104.6657

32.4609, 11.2106,
-31.7361

37.2750, 7.3436,
-22.1300

42.3421, 3.9054,
-13.6554

■ 47.6176, 0.7956,
-6.0482

■ 53.0692, -2.0646,
0.8980

■ 58.6736, -4.7345,
7.3389

■ 64.4128, -7.2588,
13.3913

Harmonies

Analogous

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



20.3438, 0.4847, -92.6061



20.3436, 26.3333, -69.8715



20.3438, 50.7944, -27.7547

Triad

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



20.3438, 26.3347, -69.8710



20.3438, 22.4591, 14.2407



20.3438, -28.3130, -0.4210

Complementary

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



20.3436, 26.3333, -69.8715



52.9499, -13.3624, 30.1458

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.



20.3438, -26.4591, 12.4364



20.3436, 26.3333, -69.8715



20.3438, -2.6116, 14.2407

Square

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



20.3438, 26.3347, -69.8710



20.3438, 47.9718, 13.3490



20.3438, -18.9178, 14.2407



20.3438, -25.8056, -33.5376

Rectangle

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



20.3436, 26.3333, -69.8715



20.3438, 59.2995, -5.1550



20.3438, -18.9178, 14.2407



20.3438, -28.1815, 5.8519

Sweetspot

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



20.3438, 26.3347, -69.8710



57.1554, 4.9183, -17.5180



49.1080, -23.9746, -4.4889



26.1238, 2.8114, -9.4652



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.



20.3438, 26.3347, -69.8710



21.6666, 47.6499, -125.1593



24.6853, 35.2653, -52.4652



23.7339, -0.1730, -1.5404



13.5143, 36.6571, -96.0210



1.4953, 4.0556, -10.6218

Inverse Universe

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



31.7439, 48.9112, -32.6844



39.9392, 74.1162, -49.6737



49.0452, -28.3325, 27.2987



24.3088, 1.7770, -0.7695



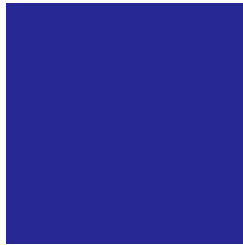
26.8397, 52.7670, -35.3935



2.9694, 5.8378, -3.9161

Previews

White Background



This preview shows how the HunterLab color 20.3436, 26.3333, -69.8715 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 20.3436, 26.3333, -69.8715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

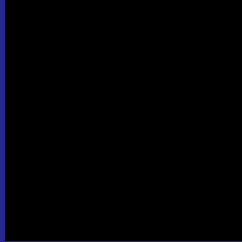
Any Text WCAG AA × Fail

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 20.3436, 26.3333, -69.8715 Background



This preview shows how black text looks on a background with the HunterLab color 20.3436, 26.3333, -69.8715.



This preview shows how white text looks on a background with the HunterLab color 20.3436, 26.3333, -69.8715.

-69.8715.

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

20.3436, 26.3333, -69.8715

Protanopia

20.2798, 5.2195, -36.6154

Deuteranopia

20.1197, -0.9266, -23.1476



Tritanopia

20.2093, -9.9568, -3.7659

Trichromacy



Original Color

20.3436, 26.3333, -69.8715

Protanomaly

19.9192, 12.6363, -49.3238

Deuteranomaly

19.6610, 8.2187, -39.4274

Tritanomaly

19.2276, 0.8944, -23.0095

Monochromacy



Original Color

20.3436, 26.3333, -69.8715

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.5213, 6.1009, -17.3448

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3436, 26.3333, -69.8715 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(40, 40, 149)` looks like.

```
.text, #text, p{  
    color:rgb(40, 40, 149)  
}
```

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(40, 40, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 40, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3436, 26.3333, -69.8715 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(40, 40, 149) }
```


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

```
.border{ border-color:rgb(40, 40, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 40, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 40, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 40, 149);  
box-shadow:4px 4px 4px 4px rgb(40, 40,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.3436, 26.3333, -69.8715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 40, 149) }
```

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

```
.background{ background-color: rgb(40, 40,  
149) }
```

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