

Converting Colors

HunterLab(20.8834, 29.0010,
-88.7074)

Have a look what the booklet for
HunterLab(20.8834, 29.0010,
-88.7074) contains.

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Color

**HunterLab(20.8304, 29.3230,
-89.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	0029A6
RGB	0, 41, 166
RGB Percent	0%, 16%, 65%
CMY	0.9999, 0.8392, 0.3490
CMYK	1.00, 0.75, 0.00, 0.35
HSL	225°, 100%, 33%
HSV	225°, 100%, 65%
XYZ	7.6759, 4.3391, 36.5094
YIQ	42.9910, -64.5610, 30.1830

Conversions

Conversions Part 2

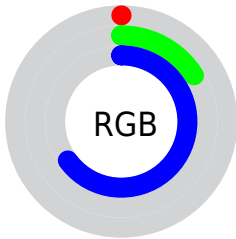
Format	Color
RYB	0, 33, 166
Decimal	10662
CIELab	24.76, 40.43, -68.67
CIELCh	25, 79.683, 300.487
Yxy	4.3391, 0.1582, 0.0894
Android (android.graphics.Color)	4278200742 (0xFF0029A6)
YUV	42.9910, 60.6434, -37.7031
Hunter-Lab	20.8304, 29.3230, -89.3361

Details

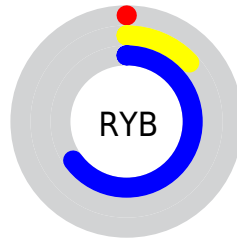
The HunterLab color **20.8304, 29.3230, -89.3361** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **47.7309, 2.7229, 29.4582**, and the grayscale version is **15.3655, -0.8199, 0.8348**.

A 20% lighter version of the original color is **37.9020, 32.6025, -84.1784**, and **11.0180, 29.1829, -76.7691** is the 20% darker color. If you saturate the color by 10%, you get **20.8264, 29.3357, -89.3585**, and if you desaturate by 10%, it is **23.3688, 23.2943, -76.7237**.

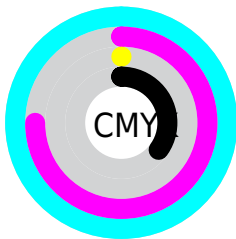
Distribution



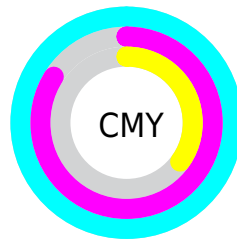
- Red (0%)
- Green (16%)
- Blue (65%)



- Red (0%)
- Yellow (13%)
- Blue (65%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (84%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8304, 29.3230, -89.3361 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 20.8304, 29.3230, -89.3361 by changing the saturation by 10% instead.

■ 20.8304, 29.3230,
-89.3361

■ 20.8304, 29.3230,
-89.3361

■ 119.6841, 40.5083,
-87.7671

■ 13.6565, 27.5802,
-96.9603

■ 37.9109, 32.5926,
-84.4948

■ 7.2609, 28.2844,
-121.6090

■ 47.6448, 34.0447,
-84.0526

0.0000, INF, -NF

0.0000, NaN, -NF

■ 58.0932, 35.3764,
-84.1766

0.0000, NaN, -NF

■ 69.2103, 36.5955,
-84.6326

0.0000, NaN, -NF

■ 80.9580, 37.7106,
-85.2867

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.3041, 38.7298,

-86.0582

0.0000, NaN, NaN

106.2208, 39.6602,
-86.8961

20.8304, 29.3230,
-89.3361

20.8304, 29.3230,
-89.3361

20.8264, 29.3357,
-89.3585

23.3688, 23.2943,
-76.7237

26.4141, 17.7434,
-64.3917

29.9129, 12.9969,
-52.8472

33.7785, 9.0593,
-42.3509

37.9418, 5.8358,
-32.8935

■ 42.3499, 3.2075,
-24.3554

■ 46.9627, 1.0641,
-16.5895

■ 51.7501, -0.6873,
-9.4567

■ 56.6889, -2.1214,
-2.8376

Harmonies

Analogous

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



20.8305, -0.7024, -116.0574



20.8304, 29.3230, -89.3361



20.8305, 59.4183, -36.3269

Triad

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



20.8305, 29.3252, -89.3359



20.8305, 28.2602, 14.5814



20.8305, -30.7940, 0.7415

Complementary

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



20.8304, 29.3230, -89.3361



47.7309, 2.7229, 29.4582

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.



20.8305, -28.6145, 13.8968



20.8304, 29.3230, -89.3361



20.8305, -1.5196, 14.5814

Square

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



20.8305, 29.3252, -89.3359



20.8305, 58.6258, 14.1302



20.8305, -20.3246, 14.5814



20.8305, -28.4638, -37.9796

Rectangle

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



20.8304, 29.3230, -89.3361



20.8305, 70.6822, -7.9308



20.8305, -20.3246, 14.5814



20.8305, -30.5654, 7.3654

Sweetspot

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



20.8305, 29.3252, -89.3359



62.9033, 1.5842, -22.9258



53.6105, -36.1937, 11.1254



28.5524, 1.2765, -12.8094



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



20.8305, 29.3252, -89.3359



27.5482, 41.1307, -123.2224



17.9890, 46.1020, -107.0130



27.5504, -1.0674, -1.1590



18.5140, 25.2920, -77.7391



4.0157, 1.1744, -7.5545

Inverse Universe

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



28.7537, 49.7926, 14.2643



38.6977, 66.9472, 19.7635



56.2100, -28.4340, 34.1377



27.5165, 1.1751, 1.5215



25.3320, 43.8969, 12.3756



4.0495, 7.2075, 0.5044

Previews

White Background



This preview shows how the HunterLab color 20.8304, 29.3230, -89.3361 looks on a white background.

Color Contrast Check

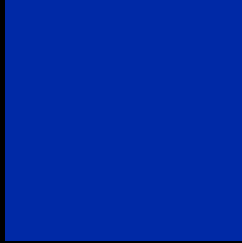
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8304, 29.3230, -89.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

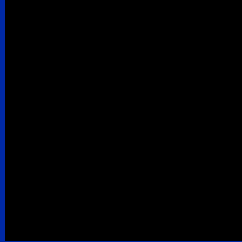
Any Text WCAG AA × Fail

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 20.8304, 29.3230, -89.3361 Background



This preview shows how black text looks on a background with the HunterLab color 20.8304, 29.3230, -89.3361.



This preview shows how white text looks on a background with the HunterLab color 20.8304, 29.3230, -89.3361.

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

20.8304, 29.3230, -89.3361

Protanopia

20.7527, 5.9524, -38.7885

Deuteranopia

20.7768, -0.9897, -23.8328



Tritanopia

20.7993, -10.4605, -3.4161

Trichromacy



Original Color

20.8304, 29.3230, -89.3361

Protanomaly

20.4299, 14.0427, -55.8497

Deuteranomaly

20.3585, 8.9576, -44.7832

Tritanomaly

19.8135, 1.0186, -26.9639

Monochromacy



Original Color

20.8304, 29.3230, -89.3361

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.1044, 5.5280, -23.9702

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8304, 29.3230, -89.3361 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(0, 41, 166)` looks like.

```
.text, #text, p{  
    color:rgb(0, 41, 166)  
}
```

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(0, 41, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 41, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8304, 29.3230, -89.3361 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(0, 41, 166) }
```


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

```
.border{ border-color:rgb(0, 41, 166) }
```

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

Here you see how a box with a 4 pixel rgb(0, 41, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 41, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 41, 166);  
box-shadow:4px 4px 4px 4px rgb(0, 41, 166)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8304, 29.3230, -89.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 41, 166) }
```

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

```
.background{ background-color: rgb(0, 41,  
166) }
```

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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