

Converting Colors

HunterLab(20.8562, 17.2942,
-63.4017)

Have a look what the booklet for
HunterLab(20.8562, 17.2942,
-63.4017) contains.

HunterLab(20.7979, 17.2571, -63.2488)	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(20.7979, 17.2571,
-63.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	003291
RGB	0, 50, 145
RGB Percent	0%, 20%, 57%
CMY	0.9999, 0.8039, 0.4314
CMYK	1.00, 0.66, 0.00, 0.43
HSL	219°, 100%, 28%
HSV	219°, 100%, 57%
XYZ	6.2514, 4.3255, 27.2935
YIQ	45.8800, -60.2950, 18.9450

Conversions

Conversions Part 2

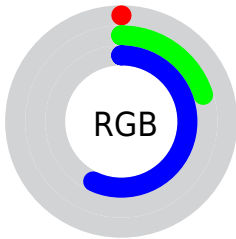
Format	Color
RYB	0, 37, 145
Decimal	12945
CIELab	24.72, 26.31, -55.90
CIELCh	25, 61.782, 295.210
Yxy	4.3256, 0.1651, 0.1142
Android (android.graphics.Color)	4278203025 (0xFF003291)
YUV	45.8800, 48.8662, -40.2368
Hunter-Lab	20.7979, 17.2571, -63.2488

Details

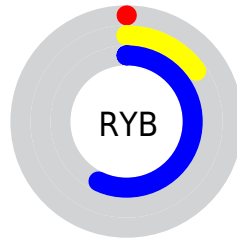
The HunterLab color **20.7979, 17.2571, -63.2488** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **37.6938, 8.7219, 23.3785**, and the grayscale version is **16.3494, -0.8724, 0.8883**.

A 20% lighter version of the original color is **37.9142, 19.2202, -61.7522**, and **9.9282, 19.9049, -55.3783** is the 20% darker color. If you saturate the color by 10%, you get **20.7949, 17.2648, -63.2617**, and if you desaturate by 10%, it is **23.0685, 12.9434, -54.4088**.

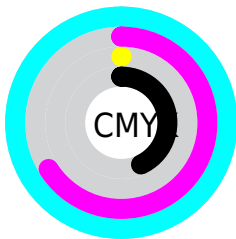
Distribution



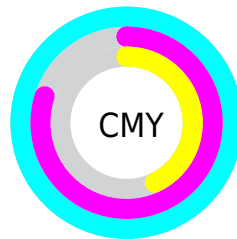
- Red (0%)
- Green (20%)
- Blue (57%)



- Red (0%)
- Yellow (15%)
- Blue (57%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (80%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7979, 17.2571, -63.2488 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 20.7979, 17.2571, -63.2488 by changing the saturation by 10% instead.

■ 20.7979, 17.2571,
-63.2488

■ 20.7979, 17.2571,
-63.2488

■ 119.6260, 23.3955,
-66.3780

■ 13.6284, 15.9782,
-66.8524

■ 37.8713, 19.3717,
-61.7318

■ 7.2286, 16.3746,
-80.8002

■ 47.6021, 20.2306,
-62.0087

0.0000, INF, -NF

0.0000, NaN, -NF

■ 58.0476, 20.9777,
-62.5568

0.0000, NaN, -NF

■ 69.1619, 21.6251,
-63.2482

0.0000, NaN, NaN

■ 80.9070, 22.1829,
-64.0110

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.2506, 22.6594,

-64.8026

0.0000, NaN, NaN

106.1650, 23.0617,
-65.5970

■ 20.7979, 17.2571,
-63.2488

■ 20.7979, 17.2571,
-63.2488

■ 20.7949, 17.2648,
-63.2617

■ 23.0685, 12.9434,
-54.4088

■ 25.6171, 9.1469,
-46.0551

■ 28.4427, 6.0131,
-38.2095

■ 31.5036, 3.4957,
-30.9419

■ 34.7642, 1.5173,
-24.2389

■ 38.1951, -0.0036,
-18.0475

■ 41.7730, -1.1415,
-12.3012

■ 45.4789, -1.9600,
-6.9336

■ 49.2979, -2.5117,
-1.8847

Harmonies

Analogous

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



20.7981, -4.1321, -74.2196



20.7979, 17.2571, -63.2488



20.7981, 39.1887, -30.9473

Triad

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



20.7981, 17.2585, -63.2483



20.7981, 24.7058, 14.5587



20.7981, -26.7407, 3.8800

Complementary

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



20.7979, 17.2571, -63.2488



37.6938, 8.7219, 23.3785

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.



20.7981, -23.7182, 13.0899



20.7979, 17.2571, -63.2488



20.7981, 2.0933, 14.5587

Square

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



20.7981, 17.2585, -63.2483



20.7981, 44.4785, 11.2778



20.7981, -14.7212, 14.5587



20.7981, -25.2268, -20.3314

Rectangle

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



20.7979, 17.2571, -63.2488



20.7981, 48.5687, -10.1018



20.7981, -14.7212, 14.5587



20.7981, -26.2677, 8.3003

Sweetspot

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



20.7981, 17.2585, -63.2483



55.5899, -1.4438, -16.9378



45.8953, -33.0322, 13.9435



25.3651, -0.4324, -9.3236



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



20.7981, 17.2585, -63.2483



27.2900, 24.4925, -86.9823



14.8753, 39.2093, -96.9198



23.5373, -1.2080, -0.7039



19.3749, 15.6957, -58.0995



2.7205, -0.1329, -3.1135

Inverse Universe

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



25.0010, 43.7314, 9.0150



33.4107, 58.3608, 12.7210



49.4779, -20.4568, 30.1292



23.3514, 1.0311, 1.0353



23.1631, 40.5393, 8.2094



2.3483, 4.2676, -0.3903

Previews

White Background



This preview shows how the HunterLab color 20.7979, 17.2571, -63.2488 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 20.7979, 17.2571, -63.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

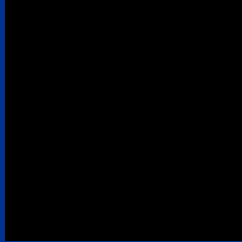
Any Text WCAG AA × Fail

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 20.7979, 17.2571, -63.2488 Background



This preview shows how black text looks on a background with the HunterLab color 20.7979, 17.2571, -63.2488.



This preview shows how white text looks on a background with the HunterLab color 20.7979, 17.2571, -63.2488.

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

20.7979, 17.2571, -63.2488

Protanopia

20.7527, 5.9524, -38.7885

Deuteranopia

20.7768, -0.9897, -23.8328



Tritanopia

20.8294, -10.2823, -3.8384

Trichromacy



Original Color

20.7979, 17.2571, -63.2488

Protanomaly

20.6156, 10.2320, -47.8556

Deuteranomaly

20.5773, 5.0478, -36.6166

Tritanomaly

20.2356, -2.1256, -20.7041

Monochromacy



Original Color

20.7979, 17.2571, -63.2488

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.0395, 2.0919, -17.2399

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7979, 17.2571, -63.2488 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, 50, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 145)  
}
```

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, 50, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7979, 17.2571, -63.2488 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, 50, 145) }
```


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

```
.border{ border-color:rgb(0, 50, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 50, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 50, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 50, 145)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7979, 17.2571, -63.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 50, 145) }
```

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

```
.background{ background-color: rgb(0, 50,  
145) }
```

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