

Converting Colors

HunterLab(19.1182, 26.5532,
-81.2167)

Have a look what the booklet for
HunterLab(19.1182, 26.5532,
-81.2167) contains.

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Color

**HunterLab(19.1993, 26.3020,
-80.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	002699
RGB	0, 38, 153
RGB Percent	0%, 15%, 60%
CMY	0.9999, 0.8510, 0.4000
CMYK	1.00, 0.75, 0.00, 0.40
HSL	225°, 100%, 30%
HSV	225°, 100%, 60%
XYZ	6.4429, 3.6861, 30.5089
YIQ	39.7480, -59.5630, 27.7090

Conversions

Conversions Part 2

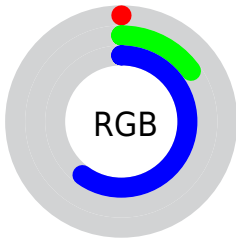
Format	Color
RYB	0, 30, 153
Decimal	9881
CIELab	22.61, 37.47, -64.31
CIELCh	23, 74.431, 300.225
Yxy	3.6862, 0.1585, 0.0907
Android (android.graphics.Color)	4278199961 (0xFF002699)
YUV	39.7480, 55.8332, -34.8590
Hunter-Lab	19.1993, 26.3020, -80.7760

Details

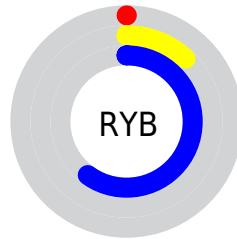
The HunterLab color **19.1993, 26.3020, -80.7760** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **43.6346, 2.4720, 26.9298**, and the grayscale version is **14.3264, -0.7644, 0.7784**.

A 20% lighter version of the original color is **36.0143, 29.2099, -76.6035**, and **9.6932, 26.2929, -68.8744** is the 20% darker color. If you saturate the color by 10%, you get **19.1960, 26.3123, -80.7942**, and if you desaturate by 10%, it is **21.5474, 20.8724, -69.2827**.

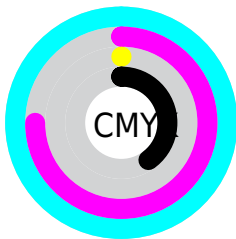
Distribution



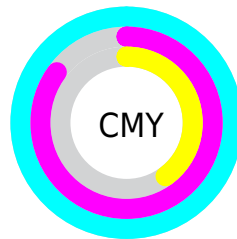
- Red (0%)
- Green (15%)
- Blue (60%)



- Red (0%)
- Yellow (12%)
- Blue (60%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (85%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1993, 26.3020, -80.7760 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 19.1993, 26.3020, -80.7760 by changing the saturation by 10% instead.

■ 19.1993, 26.3020,
-80.7760

■ 19.1993, 26.3020,
-80.7760

■ 116.7354, 36.7004,
-80.0774

■ 12.2458, 24.6248,
-88.1152

■ 35.9105, 29.4119,
-76.4628

■ 5.3708, 31.7698,
-130.8032

■ 45.4833, 30.7761,
-76.1774

0.0000, INF, -NF

■ 55.7819, 32.0176,
-76.4047

0.0000, NaN, -NF

■ 66.7582, 33.1459,
-76.9240

0.0000, NaN, -NF

■ 78.3728, 34.1702,
-77.6116

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.5923, 35.0992,

0.0000, NaN, NaN

-78.3942

0.0000, NaN, NaN

103.3881, 35.9404,
-79.2258

19.1993, 26.3020,
-80.7760

19.1993, 26.3020,
-80.7760

19.1960, 26.3123,
-80.7942

21.5474, 20.8724,
-69.2827

24.3375, 15.8824,
-58.1441

27.5303, 11.6229,
-47.7366

31.0495, 8.0897,
-38.2735

34.8342, 5.1956,
-29.7396

■ 38.8377, 2.8344,
-22.0263

■ 43.0247, 0.9076,
-15.0028

■ 47.3683, -0.6673,
-8.5456

■ 51.8479, -1.9566,
-2.5487

Harmonies

Analogous

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



19.1994, -0.8536, -104.3600



19.1993, 26.3020, -80.7760



19.1994, 53.5494, -33.1920

Triad

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



19.1994, 26.3039, -80.7758



19.1994, 25.8590, 13.4396



19.1994, -28.3772, 0.8812

Complementary

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



19.1993, 26.3020, -80.7760



43.6346, 2.4720, 26.9298

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.



19.1994, -26.1472, 13.0050



19.1993, 26.3020, -80.7760



19.1994, -1.1967, 13.4396

Square

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



19.1994, 26.3039, -80.7758



19.1994, 53.2192, 13.1142



19.1994, -18.4462, 13.4396



19.1994, -26.0809, -33.8791

Rectangle

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



19.1993, 26.3020, -80.7760



19.1994, 63.8268, -7.4395



19.1994, -18.4462, 13.4396



19.1994, -28.1321, 6.8491

Sweetspot

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



19.1994, 26.3039, -80.7758



57.2301, 1.3570, -20.6260



49.0050, -33.0445, 10.0833



25.8688, 1.0807, -11.3551



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



19.1994, 26.3039, -80.7758



25.1931, 36.7637, -110.8514



16.4852, 42.1743, -97.4935



25.0262, -0.9803, -1.0116



17.5842, 23.5129, -72.7363



3.1165, 0.5829, -5.1537

Inverse Universe

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



26.2922, 45.5532, 12.8638



35.1473, 60.8308, 17.7508



51.3916, -25.9231, 31.2126



24.9932, 1.0318, 1.3772



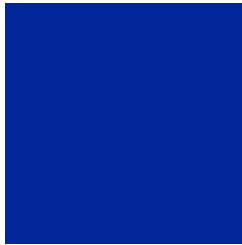
23.9112, 41.4515, 11.5524



3.0102, 5.3855, 0.1590

Previews

White Background



This preview shows how the HunterLab color 19.1993, 26.3020, -80.7760 looks on a white background.

Color Contrast Check

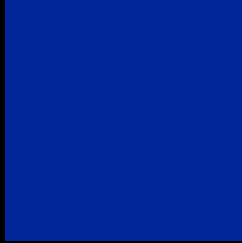
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1993, 26.3020, -80.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

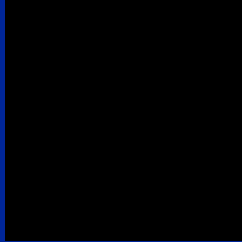
Any Text WCAG AA × Fail

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 19.1993, 26.3020, -80.7760 Background



This preview shows how black text looks on a background with the HunterLab color 19.1993, 26.3020, -80.7760.



This preview shows how white text looks on a background with the HunterLab color 19.1993, 26.3020,

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

19.1993, 26.3020, -80.7760

Protanopia

19.2771, 5.1349, -35.1794

Deuteranopia

19.3713, -1.3842, -21.2244



Tritanopia

19.2553, -9.6484, -3.2393

Trichromacy



Original Color

19.1993, 26.3020, -80.7760

Protanomaly

19.0951, 12.2739, -50.3630

Deuteranomaly

18.8206, 7.7798, -40.3185

Tritanomaly

18.4139, 0.5833, -24.2750

Monochromacy



Original Color

19.1993, 26.3020, -80.7760

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.0060, 4.8055, -21.4269

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1993, 26.3020, -80.7760 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, 38, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 153)  
}
```

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, 38, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1993, 26.3020, -80.7760 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, 38, 153) }
```


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

```
.border{ border-color:rgb(0, 38, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 38, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 38, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 38, 153)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.1993, 26.3020, -80.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 153) }
```

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

```
.background{ background-color: rgb(0, 38,  
153) }
```

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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