

Converting Colors

HunterLab(20.0062, 53.1182,
-133.2452)

Have a look what the booklet for
HunterLab(20.0062, 53.1182,
-133.2452) contains.

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Color

**HunterLab(19.9865, 53.0476,
-132.9753)**

Conversions

Conversions Part 1

Format	Color
Hex	1B00BF
RGB	27, 0, 191
RGB Percent	11%, 0%, 75%
CMY	0.8940, 1.0000, 0.2510
CMYK	0.86, 1.00, 0.00, 0.25
HSL	248°, 100%, 37%
HSV	248°, 100%, 75%
XYZ	9.8560, 3.9946, 49.5418
YIQ	29.8470, -45.2190, 65.1250

Conversions

Conversions Part 2

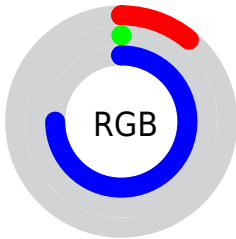
Format	Color
R_{YB}	27, 0, 191
Decimal	1769663
CIE Lab	23.65, 63.98, -85.46
CIE LCh	24, 106.757, 306.823
Yxy	3.9949, 0.1555, 0.0630
Android (android.graphics.Color)	4279959743 (0xFF1B00BF)
YUV	29.8470, 79.4484, -2.4968
Hunter-Lab	19.9865, 53.0476, -132.9753

Details

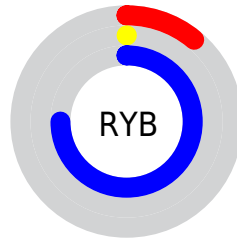
The HunterLab color **19.9865, 53.0476, -132.9753** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **67.1954, -27.4411, 40.9251**, and the grayscale version is **11.1202, -0.5933, 0.6042**.

A 20% lighter version of the original color is **36.7913, 57.5293, -120.7508**, and **13.3326, 36.1646, -94.7335** is the 20% darker color. If you saturate the color by 10%, you get **19.9872, 53.0482, -132.9704**, and if you desaturate by 10%, it is **21.8023, 49.0596, -119.7490**.

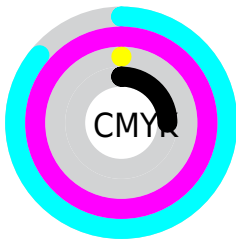
Distribution



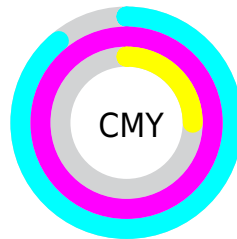
- Red (11%)
- Green (0%)
- Blue (75%)



- Red (11%)
- Yellow (0%)
- Blue (75%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (89%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9865, 53.0476, -132.9753 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 19.9865, 53.0476, -132.9753 by changing the saturation by 10% instead.

■ 19.9865, 53.0476,
-132.9753

■ 19.9865, 53.0476,
-132.9753

■ 118.1665, 70.7324,
-118.7640

■ 12.9255, 51.4765,
-150.0353

■ 36.8789, 57.3247,
-120.3005

■ 6.3606, 59.0325,
-211.2050

■ 46.5304, 59.5059,
-118.0474

0.0000, INF, -NF

■ 56.9021, 61.6164,
-116.9984

0.0000, NaN, -NF

■ 67.9471, 63.6352,
-116.6857

0.0000, NaN, -NF

■ 79.6266, 65.5553,
-116.8415

0.0000, NaN, -NF

■ 91.9078, 67.3764,

0.0000, NaN, NaN

-117.3031

0.0000, NaN, NaN

104.7627, 69.1009,
-117.9668

19.9865, 53.0476,
-132.9753

19.9865, 53.0476,
-132.9753

19.9872, 53.0482,
-132.9704

21.8023, 49.0596,
-119.7490

24.7297, 43.0211,
-102.1834

28.7452, 35.8837,
-83.3257

33.6047, 28.7886,
-65.7540

39.1002, 22.1905,
-50.2602

■ 45.0808, 16.1630,
-36.7648

■ 51.4419, 10.6388,
-24.9258

■ 58.1107, 5.5195,
-14.3865

■ 65.0359, 0.7142,
-4.8483

Harmonies

Analogous

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



19.9872, 7.0547, -200.0603



19.9865, 53.0476, -132.9753



19.9872, 97.3001, -40.3152

Triad

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



19.9872, 53.0482, -132.9704



19.9872, 30.5909, 13.9910



19.9872, -34.9776, -7.5069

Complementary

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



19.9865, 53.0476, -132.9753



67.1954, -27.4411, 40.9251

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.



19.9872, -34.1451, 13.9910



19.9865, 53.0476, -132.9753



19.9872, -8.0696, 13.9910

Square

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



19.9872, 53.0482, -132.9704



19.9872, 79.4629, 13.9910



19.9872, -26.6724, 13.9910



19.9872, -31.3801, -79.6155

Rectangle

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



19.9865, 53.0476, -132.9753



19.9872, 110.1613, -2.5603



19.9872, -26.6724, 13.9910



19.9872, -34.9776, 4.1564

Sweetspot

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



19.9872, 53.0482, -132.9704



68.4295, 14.5755, -34.0673



55.5561, -23.4675, -18.7807



30.3417, 8.2798, -19.0389



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



19.9872, 53.0482, -132.9704



26.6349, 70.9063, -178.8580



27.9717, 61.3499, -86.1680



30.4768, 0.1901, -1.9788



16.2690, 43.0557, -107.2722



3.5322, 8.7904, -18.9679

Inverse Universe

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



37.0892, 70.7410, -32.0385



49.6080, 94.5736, -42.5049



62.1008, -47.8576, 37.4284



31.1005, 2.2244, -0.5463



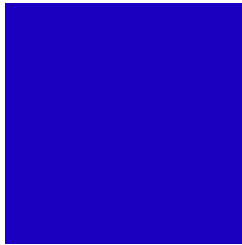
30.0820, 57.4003, -26.1727



6.0078, 11.5502, -5.8981

Previews

White Background



This preview shows how the HunterLab color 19.9865, 53.0476, -132.9753 looks on a white background.

Color Contrast Check

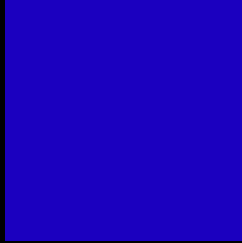
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9865, 53.0476, -132.9753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

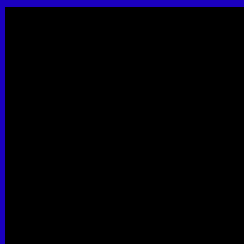
Any Text WCAG AA × Fail

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 19.9865, 53.0476, -132.9753 Background



This preview shows how black text looks on a background with the HunterLab color 19.9865, 53.0476, -132.9753.



This preview shows how white text looks on a background with the HunterLab color 19.9865, 53.0476, -132.9753.

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

19.9865, 53.0476, -132.9753

Protanopia

20.6353, 5.3478, -37.3368

Deuteranopia

20.6811, -1.5148, -22.5796



Tritanopia

20.4889, -10.2972, -3.3806

Trichromacy



Original Color

19.9865, 53.0476, -132.9753

Protanomaly

18.3592, 24.9129, -74.7613

Deuteranomaly

17.9911, 19.6491, -62.8979

Tritanomaly

16.8602, 11.7710, -44.3433

Monochromacy



Original Color

19.9865, 53.0476, -132.9753

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

12.0342, 16.6558, -38.8570

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9865, 53.0476, -132.9753 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(27, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(27, 0, 191)  
}
```

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(27, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 0, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9865, 53.0476, -132.9753 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(27, 0, 191) }
```


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

```
.border{ border-color:rgb(27, 0, 191) }
```

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

Here you see how a box with a 4 pixel rgb(27, 0, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(27, 0, 191)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9865, 53.0476, -132.9753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 0, 191) }
```

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

```
.background{ background-color: rgb(27, 0,  
191) }
```

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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