

Converting Colors

HunterLab(27.2484, 22.0062,
-76.7803)

Have a look what the booklet for
HunterLab(27.2484, 22.0062,
-76.7803) contains.

HunterLab(27.2484, 22.0062, -76.7803)	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(27.2484, 22.0062,
-76.7803)**

Conversions

Conversions Part 1

Format	Color
Hex	1B42B4
RGB	27, 66, 180
RGB Percent	11%, 26%, 71%
CMY	0.8941, 0.7412, 0.2941
CMYK	0.85, 0.63, 0.00, 0.29
HSL	225°, 74%, 41%
HSV	225°, 85%, 71%
XYZ	10.6385, 7.4248, 44.0525
YIQ	67.3350, -59.8380, 27.1860

Conversions

Conversions Part 2

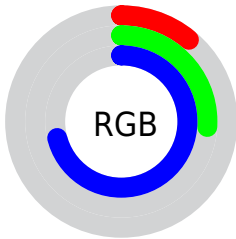
Format	Color
R_{YB}	27, 58, 180
Decimal	1786548
CIE _{Lab}	32.76, 30.81, -63.86
CIE _{LCh}	33, 70.907, 295.758
Yxy	7.4249, 0.1713, 0.1195
Android (android.graphics.Color)	4279976628 (0xFF1B42B4)
YUV	67.3350, 55.5438, -35.3738
Hunter-Lab	27.2484, 22.0062, -76.7803

Details

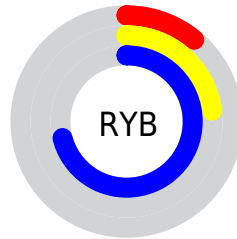
The HunterLab color **27.2484, 22.0062, -76.7803** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **53.7007, 0.9170, 31.9602**, and the grayscale version is **23.6370, -1.2612, 1.2842**.

A 20% lighter version of the original color is **45.7337, 24.0605, -75.2678**, and **14.8379, 23.5196, -69.3182** is the 20% darker color. If you saturate the color by 10%, you get **24.2118, 28.4449, -90.3230**, and if you desaturate by 10%, it is **30.8306, 16.3742, -63.7552**.

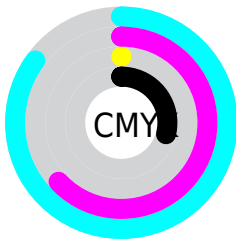
Distribution



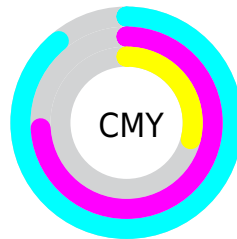
- Red (11%)
- Green (26%)
- Blue (71%)



- Red (11%)
- Yellow (23%)
- Blue (71%)



- Cyan (85%)
- Magenta (63%)
- Yellow (0%)
- Black (29%)



- Cyan (89%)
- Magenta (74%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.2484, 22.0062, -76.7803 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 27.2484, 22.0062, -76.7803 by changing the saturation by 10% instead.

■ 27.2484, 22.0062,
-76.7803

■ 27.2484, 22.0062,
-76.7803

■ 130.8240, 29.1166,
-80.1746

■ 19.3112, 20.6493,
-79.7390

■ 45.6323, 24.3098,
-75.3801

■ 12.3421, 19.1625,
-86.8065

■ 55.9413, 25.2749,
-75.6313

■ 5.5229, 24.5440,
-126.2065

■ 66.9275, 26.1322,
-76.1646

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 78.5513, 26.8921,
-76.8597

0.0000, NaN, -NF

■ 90.7797, 27.5635,
-77.6453

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.5839, 28.1540,

-78.4770

0.0000, NaN, NaN

116.9393, 28.6698,
-79.3264

■ 27.2484, 22.0062,
-76.7803

■ 27.2484, 22.0062,
-76.7803

■ 24.2118, 28.4449,
-90.3230

■ 30.8306, 16.3742,
-63.7552

■ 22.8887, 31.7707,
-97.1927

■ 34.8581, 11.6537,
-51.7619

■ 39.2465, 7.7817,
-40.9130

■ 43.9301, 4.6338,
-31.1275

■ 48.8586, 2.0816,
-22.2565

■ 53.9941, 0.0124,
-14.1445

■ 59.3075, -1.6658,
-6.6517

■ 64.7765, -3.0262,
0.3390

■ 70.3834, -4.1265,
6.9232

Harmonies

Analogous

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



27.2487, -4.8312, -90.7247



27.2484, 22.0062, -76.7803



27.2487, 49.0216, -37.3347

Triad

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



27.2487, 22.0078, -76.7796



27.2487, 30.1913, 19.0741



27.2487, -34.1808, 4.5748

Complementary

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



27.2484, 22.0062, -76.7803



53.7007, 0.9170, 31.9602

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.



27.2487, -30.3526, 16.5234



27.2484, 22.0062, -76.7803



27.2487, 2.0932, 19.0741

Square

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



27.2487, 22.0078, -76.7796



27.2487, 54.7946, 14.6033



27.2487, -18.9550, 19.0741



27.2487, -32.0908, -25.8192

Rectangle

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



27.2484, 22.0062, -76.7803



27.2487, 60.3518, -11.8982



27.2487, -18.9550, 19.0741



27.2487, -33.5958, 10.3193

Sweetspot

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



27.2487, 22.0078, -76.7796



72.3983, 0.1266, -19.5051



58.9458, -38.2031, 11.0055



32.5354, 0.4801, -10.7812



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



27.2487, 22.0078, -76.7796



30.3047, 44.4021, -133.7297



22.6435, 44.4246, -98.3332



29.2754, -1.1603, -1.2336



19.3651, 25.7938, -79.8860



4.6197, 1.6307, -9.2945

Inverse Universe

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



32.9869, 51.5702, 11.9652



42.3297, 73.2562, 21.4208



62.1922, -28.2595, 36.8383



29.2226, 1.2833, 1.5897



26.3034, 45.6020, 12.6824



4.7679, 8.4638, 0.7658

Previews

White Background



This preview shows how the HunterLab color 27.2484, 22.0062, -76.7803 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 27.2484, 22.0062, -76.7803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

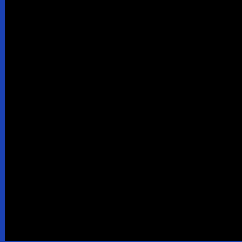
Any Text WCAG AA × Fail

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 27.2484, 22.0062, -76.7803 Background



This preview shows how black text looks on a background with the HunterLab color 27.2484, 22.0062, -76.7803.



This preview shows how white text looks on a background with the HunterLab color 27.2484, 22.0062, -76.7803.

-76.7803.

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

27.2484, 22.0062, -76.7803

Protanopia

27.0774, 8.8762, -53.0056

Deuteranopia

27.0429, -0.4669, -32.7933



Tritanopia

26.8983, -13.2679, -4.9789

Trichromacy



Original Color

27.2484, 22.0062, -76.7803

Protanomaly

26.9956, 13.3911, -61.3128

Deuteranomaly

26.8262, 7.3494, -48.0503

Tritanomaly

26.3503, -2.5912, -25.9723

Monochromacy



Original Color

27.2484, 22.0062, -76.7803

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.1394, 3.0856, -19.9178

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.2484, 22.0062, -76.7803 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, 66, 180)` looks like.

```
.text, #text, p{  
    color:rgb(27, 66, 180)  
}
```

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, 66, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 66, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 27.2484, 22.0062, -76.7803 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, 66, 180) }
```


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

```
.border{ border-color:rgb(27, 66, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 66, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 66, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 66, 180);  
box-shadow:4px 4px 4px 4px rgb(27, 66,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.2484, 22.0062, -76.7803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 66, 180) }
```

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

```
.background{ background-color: rgb(27, 66,  
180) }
```

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