

Converting Colors

HunterLab(12.4787, 5.0178,
-110.5422)

Have a look what the booklet for
HunterLab(12.4787, 5.0178,
-110.5422) contains.

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Color

**HunterLab(18.4690, 20.7627,
-67.9053)**

Conversions

Conversions Part 1

Format	Color
Hex	00288C
RGB	0, 40, 140
RGB Percent	0%, 16%, 55%
CMY	0.9999, 0.8431, 0.4510
CMYK	1.00, 0.71, 0.00, 0.45
HSL	223°, 100%, 27%
HSV	223°, 100%, 55%
XYZ	5.4924, 3.4110, 25.1799
YIQ	39.4400, -55.9400, 22.6200

Conversions

Conversions Part 2

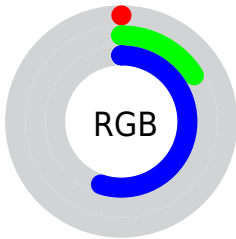
Format	Color
RYB	0, 31, 140
Decimal	10380
CIELab	21.62, 31.15, -57.90
CIELCh	22, 65.747, 298.282
Yxy	3.4111, 0.1612, 0.1001
Android (android.graphics.Color)	4278200460 (0xFF00288C)
YUV	39.4400, 49.5761, -34.5889
Hunter-Lab	18.4690, 20.7627, -67.9053

Details

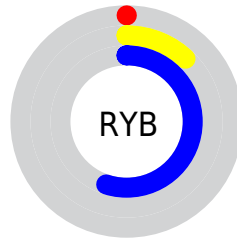
The HunterLab color **18.4690, 20.7627, -67.9053** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **38.3329, 4.5109, 23.6986**, and the grayscale version is **14.2455, -0.7601, 0.7740**.

A 20% lighter version of the original color is **35.0373, 23.5913, -65.3649**, and **8.4928, 23.0366, -60.3446** is the 20% darker color. If you saturate the color by 10%, you get **18.4661, 20.7710, -67.9196**, and if you desaturate by 10%, it is **20.6597, 16.1669, -58.1905**.

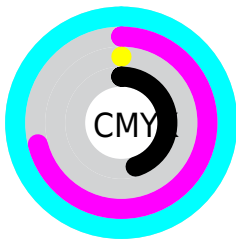
Distribution



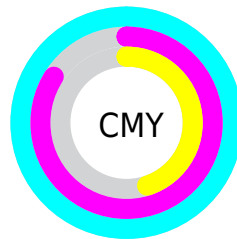
- Red (0%)
- Green (16%)
- Blue (55%)



- Red (0%)
- Yellow (12%)
- Blue (55%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (84%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4690, 20.7627, -67.9053 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 18.4690, 20.7627, -67.9053 by changing the saturation by 10% instead.

■ 18.4690, 20.7627,
-67.9053

■ 18.4690, 20.7627,
-67.9053

■ 115.3965, 29.0177,
-69.3578

■ 11.6187, 19.2556,
-73.4689

■ 35.0087, 23.4005,
-65.1126

■ 4.2353, 31.9588,
-128.1145

■ 44.5070, 24.5145,
-65.1617

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 54.7364, 25.5070,
-65.5868

0.0000, NaN, -NF

■ 65.6478, 26.3902,
-66.2155

0.0000, NaN, NaN

■ 77.2011, 27.1744,
-66.9527

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.3623, 27.8688,

-67.7427

0.0000, NaN, NaN

102.1025, 28.4810,
-68.5516

18.4690, 20.7627,
-67.9053

18.4690, 20.7627,
-67.9053

18.4661, 20.7710,
-67.9196

20.6597, 16.1669,
-58.1905

23.1788, 12.0279,
-48.9722

26.0133, 8.5465,
-40.3711

29.1082, 5.6906,
-32.5013

32.4188, 3.3804,
-25.3409

■ 35.9099, 1.5275,
-18.8108

■ 39.5541, 0.0513,
-12.8168

■ 43.3305, -1.1161,
-7.2690

■ 47.2223, -2.0296,
-2.0890

Harmonies

Analogous

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



18.4691, -2.1151, -84.3553



18.4690, 20.7627, -67.9053



18.4691, 43.9035, -30.0189

Triad

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



18.4691, 20.7643, -67.9050



18.4691, 23.6265, 12.9284



18.4691, -25.8392, 2.0595

Complementary

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



18.4690, 20.7627, -67.9053



38.3329, 4.5109, 23.6986

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.



18.4691, -23.5116, 12.3200



18.4690, 20.7627, -67.9053



18.4691, 0.1700, 12.9284

Square

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



18.4691, 20.7643, -67.9050



18.4691, 45.9887, 11.5539



18.4691, -15.7984, 12.9284



18.4691, -23.9929, -25.7456

Rectangle

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



18.4690, 20.7627, -67.9053



18.4691, 53.1107, -7.9781



18.4691, -15.7984, 12.9284



18.4691, -25.5229, 6.9570

Sweetspot

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



18.4691, 20.7643, -67.9050



52.2012, 0.1816, -17.5138



44.3152, -30.8945, 11.3039



24.1843, 0.4174, -9.8011



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



18.4691, 20.7643, -67.9050



24.0172, 29.0262, -92.6786



14.6322, 37.9903, -90.8539



22.6050, -0.9966, -0.7917



17.4940, 19.3321, -63.5984



2.0687, 0.1548, -2.9199

Inverse Universe

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



23.9356, 41.6257, 10.5053



31.7413, 55.1308, 14.5197



47.1183, -21.6130, 28.6550



22.5179, 0.9248, 1.1471



22.5680, 39.2648, 9.8049



1.9001, 3.4219, -0.0745

Previews

White Background



This preview shows how the HunterLab color 18.4690, 20.7627, -67.9053 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 18.4690, 20.7627, -67.9053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

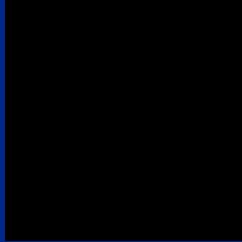
Any Text WCAG AA × Fail

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 18.4690, 20.7627, -67.9053 Background



This preview shows how black text looks on a background with the HunterLab color 18.4690, 20.7627, -67.9053.



This preview shows how white text looks on a background with the HunterLab color 18.4690, 20.7627, -67.9053.

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

18.4690, 20.7627, -67.9053

Deuteranopia

18.4219, -1.1591, -20.5235

Tritanopia

18.6433, -9.3266, -3.1690

Trichromacy



Original Color

18.4690, 20.7627, -67.9053

Deuteranomaly

18.1680, 6.1170, -35.9133

Tritanomaly

17.8722, -0.5801, -21.0865

Monochromacy



Original Color

18.4690, 20.7627, -67.9053

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.7632, 3.5565, -18.3005

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4690, 20.7627, -67.9053 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, 40, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 40, 140)  
}
```

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, 40, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 40, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4690, 20.7627, -67.9053 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, 40, 140) }
```

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

```
.border{ border-color:rgb(0, 40, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 40, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 40, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 40, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 40, 140)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 18.4690, 20.7627, -67.9053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 40, 140) }
```

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

```
.background{ background-color: rgb(0, 40,  
140) }
```

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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