

Converting Colors

HunterLab(20.5160, 5.2976,
-30.7270)

Have a look what the booklet for
HunterLab(20.5160, 5.2976,
-30.7270) contains.

HunterLab(20.5160, 5.2976, -30.7270)	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(20.5160, 5.2976,
-30.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	1B386F
RGB	27, 56, 111
RGB Percent	11%, 22%, 44%
CMY	0.8941, 0.7804, 0.5647
CMYK	0.76, 0.50, 0.00, 0.56
HSL	219°, 61%, 27%
HSV	219°, 76%, 44%
XYZ	4.7354, 4.2091, 15.6018
YIQ	53.5990, -34.9390, 10.9570

Conversions

Conversions Part 2

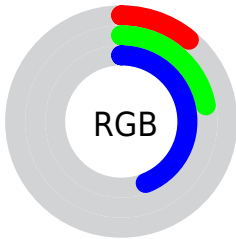
Format	Color
R_{YB}	27, 49, 111
Decimal	1783919
CIE _{Lab}	24.35, 10.06, -35.09
CIE _{LCh}	24, 36.499, 285.994
Yxy	4.2092, 0.1929, 0.1715
Android (android.graphics.Color)	4279973999 (0xFF1B386F)
YUV	53.5990, 28.2987, -23.3273
Hunter-Lab	20.5160, 5.2976, -30.7270

Details

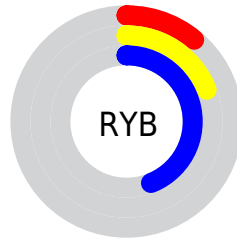
The HunterLab color **20.5160, 5.2976, -30.7270** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **30.8125, 2.6837, 17.0376**, and the grayscale version is **18.9873, -1.0131, 1.0316**.

A 20% lighter version of the original color is **37.3980, 5.8119, -31.7877**, and **8.0419, 9.0356, -29.5570** is the 20% darker color. If you saturate the color by 10%, you get **18.5238, 7.7518, -36.5860**, and if you desaturate by 10%, it is **22.6862, 3.2983, -25.2673**.

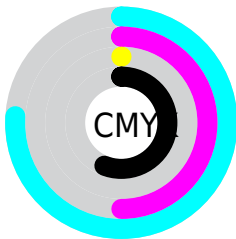
Distribution



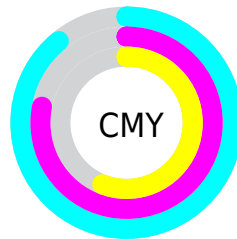
- Red (11%)
- Green (22%)
- Blue (44%)



- Red (11%)
- Yellow (19%)
- Blue (44%)



- Cyan (76%)
- Magenta (50%)
- Yellow (0%)
- Black (56%)



- Cyan (89%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5160, 5.2976, -30.7270 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 20.5160, 5.2976, -30.7270 by changing the saturation by 10% instead.

■ 20.5160, 5.2976,
-30.7270

■ 20.5160, 5.2976,
-30.7270

■ 119.1204, 4.6854,
-35.4472

■ 13.3838, 4.9347,
-30.9070

■ 37.5269, 5.6691,
-31.6559

■ 6.9406, 5.9434,
-35.3201

■ 47.2303, 5.7174,
-32.2797

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.6504, 5.6911,
-32.9050

0.0000, NaN, NaN

■ 68.7408, 5.5989,
-33.5039

0.0000, NaN, NaN

■ 80.4632, 5.4475,
-34.0624

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7853, 5.2420,

-34.5741

0.0000, NaN, NaN

105.6791, 4.9868,
-35.0359

20.5160, 5.2976,
-30.7270

20.5160, 5.2976,
-30.7270

18.5238, 7.7518,
-36.5860

22.6862, 3.2983,
-25.2673

16.7238, 10.6357,
-42.8256

25.0072, 1.7041,
-20.2171

15.9822, 11.9320,
-45.7341

27.4574, 0.4589,
-15.5473

30.0188, -0.4915,
-11.2146

32.6772, -1.1946,
-7.1724

■ 35.4209, -1.6905,
-3.3768

■ 38.2404, -2.0120,
0.2110

■ 41.1281, -2.1862,
3.6245

■ 44.0777, -2.2349,
6.8920

Harmonies

Analogous

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



20.5163, -6.1344, -31.1515



20.5160, 5.2976, -30.7270



20.5163, 17.1645, -19.2848

Triad

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



20.5163, 5.2981, -30.7264



20.5163, 16.4553, 11.1642



20.5163, -18.3223, 5.5483

Complementary

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



20.5160, 5.2976, -30.7270



30.8125, 2.6837, 17.0376

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.



20.5163, -14.5980, 10.9617



20.5160, 5.2976, -30.7270



20.5163, 4.4815, 13.0338

Square

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



20.5163, 5.2981, -30.7264



20.5163, 24.5043, 6.0703



20.5163, -6.7914, 12.9675



20.5163, -18.1972, -5.4974

Rectangle

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



20.5160, 5.2976, -30.7270



20.5163, 23.0047, -9.3026



20.5163, -6.7914, 12.9675



20.5163, -17.5215, 7.9160

Sweetspot

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



20.5163, 5.2981, -30.7264



44.4689, -1.7552, -8.5344



34.9359, -22.0794, 7.7277



21.2842, -0.7504, -4.9203



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



20.5163, 5.2981, -30.7264



22.8968, 13.3766, -55.3900



15.4112, 20.7629, -47.9982



18.6316, -0.9604, -0.4829



17.2167, 13.2800, -50.1872



36.4621, 34.6961, -120.4732

Inverse Universe

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



21.0931, 27.9222, 2.9696



25.7965, 42.5024, 7.2108



37.5062, -13.4617, 21.2358



18.4899, 0.7328, 0.8263



20.3594, 35.6653, 6.9609



45.2768, 79.0000, 17.9228

Previews

White Background



This preview shows how the HunterLab color 20.5160, 5.2976, -30.7270 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 20.5160, 5.2976, -30.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

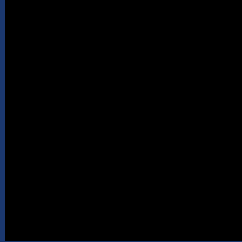
Any Text WCAG AA × Fail

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 20.5160, 5.2976, -30.7270 Background



This preview shows how black text looks on a background with the HunterLab color 20.5160, 5.2976, -30.7270.



This preview shows how white text looks on a background with the HunterLab color 20.5160, 5.2976, -30.7270.

-30.7270.

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

20.5160, 5.2976, -30.7270

Protanopia

20.4833, 5.1941, -30.8183

Deuteranopia

20.3160, 0.1422, -25.7001



Tritanopia

20.2397, -9.7768, -4.1926

Trichromacy



Original Color

20.5160, 5.2976, -30.7270

Protanomaly

20.4833, 5.1941, -30.8183

Deuteranomaly

20.3769, 1.9387, -27.8832

Tritanomaly

20.1050, -5.0492, -12.4347

Monochromacy



Original Color

20.5160, 5.2976, -30.7270

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.4315, -0.2473, -8.3415

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5160, 5.2976, -30.7270 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, 56, 111)` looks like.

```
.text, #text, p{  
    color:rgb(27, 56, 111)  
}
```

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, 56, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 56, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5160, 5.2976, -30.7270 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, 56, 111) }
```


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

```
.border{ border-color:rgb(27, 56, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 56, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 56, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 56, 111);  
box-shadow:4px 4px 4px 4px rgb(27, 56,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5160, 5.2976, -30.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 56, 111) }
```

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

```
.background{ background-color: rgb(27, 56,  
111) }
```

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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