

Converting Colors

HunterLab(31.6104, -5.8543,
-20.2363)

Have a look what the booklet for
HunterLab(31.6104, -5.8543,
-20.2363) contains.

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Color

HunterLab(31.6104, -5.8543,
-20.2363)

Conversions

Conversions Part 1

Format	Color
Hex	245E82
RGB	36, 94, 130
RGB Percent	14%, 37%, 51%
CMY	0.8588, 0.6314, 0.4902
CMYK	0.72, 0.28, 0.00, 0.49
HSL	203°, 57%, 33%
HSV	203°, 72%, 51%
XYZ	8.7595, 9.9922, 22.5861
YIQ	80.7620, -46.1240, -1.1000

Conversions

Conversions Part 2

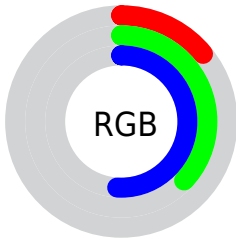
Format	Color
R _Y B	36, 72, 130
Decimal	2383490
CIE Lab	37.83, -6.17, -25.58
CIE LCh	38, 26.318, 256.441
Yxy	9.9925, 0.2119, 0.2417
Android (android.graphics.Color)	4280573570 (0xFF245E82)
YUV	80.7620, 24.2743, -39.2563
Hunter-Lab	31.6104, -5.8543, -20.2363

Details

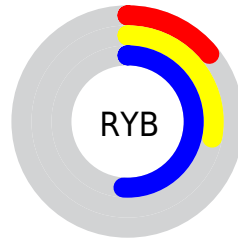
The HunterLab color $31.6104, -5.8543, -20.2363$ is a dark color, and the websafe version is hex 006699 . A complement of this color would be $30.8362, 14.5874, 16.0464$, and the grayscale version is $28.5266, -1.5221, 1.5499$.

A 20% lighter version of the original color is $50.6878, -7.5858, -21.3018$, and $16.4106, -1.4724, -17.3334$ is the 20% darker color. If you saturate the color by 10%, you get $29.9039, -4.8353, -23.5310$, and if you desaturate by 10%, it is $33.4436, -6.4543, -16.9462$.

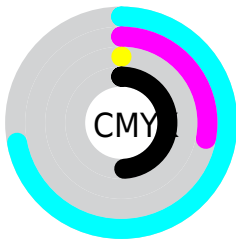
Distribution



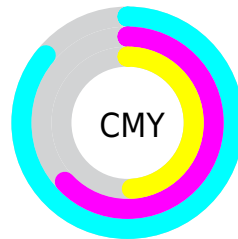
- Red (14%)
- Green (37%)
- Blue (51%)



- Red (14%)
- Yellow (28%)
- Blue (51%)



- Cyan (72%)
- Magenta (28%)
- Yellow (0%)
- Black (49%)



- Cyan (86%)
- Magenta (63%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.6104, -5.8543, -20.2363 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 31.6104, -5.8543, -20.2363 by changing the saturation by 10% instead.

■ 31.6104, -5.8543,
-20.2363

■ 31.6104, -5.8543,
-20.2363

■ 138.0647,
-14.2985, -23.0154

■ 23.2250, -4.9764,
-19.7019

■ 50.7754, -7.6261,
-21.2394

■ 15.7488, -4.0914,
-19.2482

■ 61.4334, -8.5298,
-21.6647

■ 9.3098, -3.3851,
-19.1680

■ 72.7476, -9.4485,
-22.0311

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.6820, -10.3835,
-22.3386

0.0000, NaN, NaN

■ 97.2059, -11.3356,
-22.5886

0.0000, NaN, NaN

■ 110.2927,

0.0000, NaN, NaN

-12.3054, -22.7832

0.0000, NaN, NaN

123.9191,
-13.2929, -22.9247

■ 31.6104, -5.8543,
-20.2363

■ 31.6104, -5.8543,
-20.2363

■ 29.9039, -4.8353,
-23.5310

■ 33.4436, -6.4543,
-16.9462

■ 28.3261, -3.3909,
-26.8103

■ 35.3955, -6.6583,
-13.6823

■ 27.1662, -2.1149,
-29.3900

■ 37.4592, -6.4963,
-10.4590

■ 39.6265, -6.0019,
-7.2865

■ 41.8899, -5.2085,
-4.1705

■ 44.2419, -4.1484,
-1.1136

■ 46.6757, -2.8507,
1.8846

■ 49.1851, -1.3420,
4.8259

■ 51.7643, 0.3544,
7.7134

Harmonies

Analogous

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



31.6109, -13.3068, -13.6221



31.6104, -5.8543, -20.2363



31.6109, 3.6445, -19.8689

Triad

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



31.6109, -5.8541, -20.2357



31.6109, 17.7883, 6.2504



31.6109, -13.8560, 11.4983

Complementary

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



31.6104, -5.8543, -20.2363



30.8362, 14.5874, 16.0464

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.



31.6109, -6.6896, 14.2532



31.6104, -5.8543, -20.2363



31.6109, 11.8960, 11.8930

Square

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



31.6109, -5.8541, -20.2357



31.6109, 18.0808, -2.6259



31.6109, 2.7049, 14.3724



31.6109, -17.5451, 5.5261

Rectangle

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



31.6104, -5.8543, -20.2363



31.6109, 9.8987, -15.6733



31.6109, 2.7049, 14.3724



31.6109, -11.8147, 12.7429

Sweetspot

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



31.6109, -5.8541, -20.2357



55.5303, -6.9361, -5.6145



40.9741, -28.8773, 16.2449



26.1011, -3.4240, -3.0993



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



31.6109, -5.8541, -20.2357



38.2686, -5.2007, -34.1328



20.3595, 15.5387, -48.6850



21.4913, -1.7925, -0.0674



26.6263, -2.1120, -28.7214

0.0000, NaN, NaN

Inverse Universe

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



26.1078, 35.3817, -7.3426



31.7833, 53.5234, -8.1950



42.0775, -6.0134, 23.4702



20.9412, 1.1178, 0.3001



22.6058, 41.1889, -4.5848

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.6104, -5.8543, -20.2363 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 31.6104, -5.8543, -20.2363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

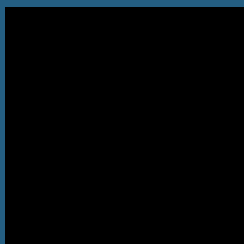
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

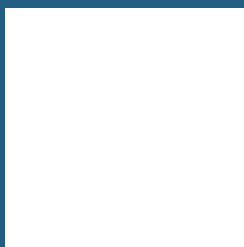
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 31.6104, -5.8543, -20.2363 Background



This preview shows how black text looks on a background with the HunterLab color 31.6104, -5.8543, -20.2363.

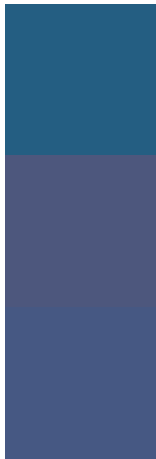


This preview shows how white text looks on a background with the HunterLab color 31.6104, -5.8543, -20.2363.

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

31.6104, -5.8543, -20.2363

Protanopia

31.4243, 2.7789, -17.1948

Deuteranopia

31.4964, 2.1906, -20.9748



Tritanopia

31.4155, -14.3497, -6.6275

Trichromacy



Original Color

31.6104, -5.8543, -20.2363

Protanomaly

31.4146, -1.1462, -18.5578

Deuteranomaly

31.3856, -0.9077, -21.2400

Tritanomaly

31.5559, -11.6664, -11.2345

Monochromacy



Original Color

31.6104, -5.8543, -20.2363

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.4623, -4.5449, -5.6803

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6104, -5.8543, -20.2363 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(36, 94, 130)` looks like.

```
.text, #text, p{  
    color:rgb(36, 94, 130)  
}
```

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(36, 94, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 94, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6104, -5.8543, -20.2363 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(36, 94, 130) }
```


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

```
.border{ border-color:rgb(36, 94, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 94, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 94, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 94, 130);  
box-shadow:4px 4px 4px 4px rgb(36, 94,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.6104, -5.8543, -20.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 94, 130) }
```

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

```
.background{ background-color: rgb(36, 94,  
130) }
```

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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