

Converting Colors

HunterLab(29.9277, -13.6537,
-6.7013)

Have a look what the booklet for
HunterLab(29.9277, -13.6537,
-6.7013) contains.

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Color

**HunterLab(30.0487,
-13.8176, -6.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	0A5E66
RGB	10, 94, 102
RGB Percent	4%, 37%, 40%
CMY	0.9607, 0.6314, 0.6000
CMYK	0.90, 0.08, 0.00, 0.60
HSL	185°, 82%, 22%
HSV	185°, 90%, 40%
XYZ	6.5261, 9.0292, 13.9692
YIQ	69.7960, -52.6320, -15.3200

Conversions

Conversions Part 2

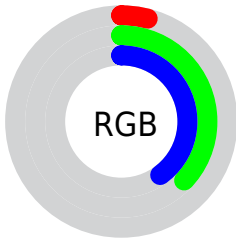
Format	Color
RYB	10, 54, 102
Decimal	679526
CIELab	36.04, -19.57, -11.15
CIElCh	36, 22.521, 209.664
Yxy	9.0296, 0.2210, 0.3058
Android (android.graphics.Color)	4278869606 (0xFF0A5E66)
YUV	69.7960, 15.8766, -52.4411
Hunter-Lab	30.0487, -13.8176, -6.5290

Details

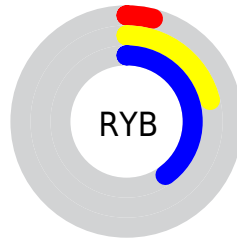
The HunterLab color **30.0487, -13.8176, -6.5290** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18.1098, 24.9913, 10.6557**, and the grayscale version is **24.6362, -1.3145, 1.3385**.

A 20% lighter version of the original color is **49.0373, -17.4660, -6.5272**, and **15.1950, -6.5490, -4.8549** is the 20% darker color. If you saturate the color by 10%, you get **29.6834, -13.9158, -7.0614**, and if you desaturate by 10%, it is **30.4542, -13.5951, -5.9453**.

Distribution



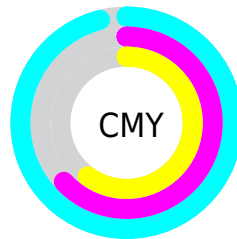
- Red (4%)
- Green (37%)
- Blue (40%)



- Red (4%)
- Yellow (21%)
- Blue (40%)



- Cyan (90%)
- Magenta (8%)
- Yellow (0%)
- Black (60%)



- Cyan (96%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0487, -13.8176, -6.5290 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 30.0487, -13.8176, -6.5290 by changing the saturation by 10% instead.

30.0487, -13.8176,
-6.5290

30.0487, -13.8176,
-6.5290

135.4985,
-28.5835, -5.1193

21.8185, -11.9094,
-6.3601

48.9423, -17.3442,
-6.6274

14.5170, -9.8315,
-6.1035

59.4786, -19.0197,
-6.5730

8.1780, -10.8639,
-5.9896

70.6783, -20.6586,
-6.4577

0.0000, NaN, -NF

0.0000, NaN, NaN

82.5042, -22.2713,
-6.2866

0.0000, NaN, NaN

94.9248, -23.8651,
-6.0639

0.0000, NaN, NaN

0.0000, NaN, NaN

107.9127,

-25.4458, -5.7931

0.0000, NaN, NaN

121.4443,
-27.0174, -5.4774

30.0487, -13.8176,
-6.5290

30.0487, -13.8176,
-6.5290

29.6834, -13.9158,
-7.0614

30.4542, -13.5951,
-5.9453

30.9295, -13.1041,
-5.2677

31.4799, -12.3313,
-4.4937

32.1083, -11.2726,
-3.6246

32.8161, -9.9313,
-2.6644

■ 33.6034, -8.3170,
-1.6188

■ 34.4696, -6.4437,
-0.4950

■ 35.4130, -4.3285,
0.6994

■ 36.4316, -1.9906,
1.9564

Harmonies

Analogous

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



30.0492, -15.4699, 1.7213



30.0487, -13.8176, -6.5290



30.0492, -8.9739, -13.8994

Triad

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



30.0492, -13.8176, -6.5285



30.0492, 12.8292, -6.7167



30.0492, -1.5147, 12.8829

Complementary

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



30.0487, -13.8176, -6.5290



18.1098, 24.9913, 10.6557

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.



30.0492, 6.5505, 11.7087



30.0487, -13.8176, -6.5290



30.0492, 15.3431, 1.5498

Square

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



30.0492, -13.8176, -6.5285



30.0492, 6.3782, -14.0265



30.0492, 12.9357, 8.0039



30.0492, -8.8330, 11.7613

Rectangle

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



30.0487, -13.8176, -6.5290



30.0492, -4.3108, -16.5744



30.0492, 12.9357, 8.0039



30.0492, 1.2001, 12.7494

Sweetspot

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



30.0492, -13.8176, -6.5285



44.7681, -10.4464, -1.7939



31.0001, -25.5563, 17.5867



21.6218, -5.3336, -1.0313



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



30.0492, -13.8176, -6.5285



39.2098, -18.3042, -9.4953



17.7923, 4.9247, -30.8395



17.7387, -2.0189, 0.4269



33.5988, -15.7199, -8.0609



76.3128, -35.3774, -19.0147

Inverse Universe

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



19.6221, 34.8761, -19.2970



25.1719, 48.5984, -26.2985



25.4491, 7.0122, 15.1347



16.9856, 1.0256, -0.2699



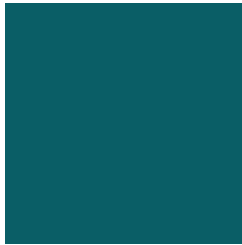
21.5480, 41.6129, -22.5979



49.1445, 94.8039, -50.7421

Previews

White Background



This preview shows how the HunterLab color 30.0487, -13.8176, -6.5290 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 30.0487, -13.8176, -6.5290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

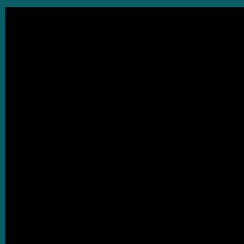
Any Text WCAG AA × Fail

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 30.0487, -13.8176, -6.5290 Background



This preview shows how black text looks on a background with the HunterLab color 30.0487, -13.8176, -6.5290.



This preview shows how white text looks on a background with the HunterLab color 30.0487,

-13.8176, -6.5290.

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

30.0487, -13.8176, -6.5290

Protanopia

30.0098, -0.1554, -2.9006

Deuteranopia

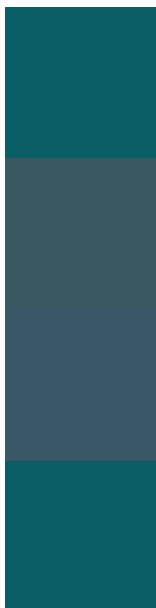
30.0416, 1.8491, -7.3037



Tritanopia

30.0380, -13.8593, -6.5452

Trichromacy



Original Color

30.0487, -13.8176, -6.5290

Protanomaly

29.4992, -7.2987, -5.1752

Deuteranomaly

29.3878, -5.9513, -7.8841

Tritanomaly

30.0380, -13.8593, -6.5452

Monochromacy



Original Color

30.0487, -13.8176, -6.5290

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

26.1334, -7.9077, -2.1458

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0487, -13.8176, -6.5290 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(10, 94, 102)` looks like.

```
.text, #text, p{  
    color:rgb(10, 94, 102)  
}
```

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(10, 94, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 94, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0487, -13.8176, -6.5290 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(10, 94, 102) }
```


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

```
.border{ border-color:rgb(10, 94, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 94, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 94, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 94, 102);  
box-shadow:4px 4px 4px 4px rgb(10, 94,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.0487, -13.8176, -6.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 94, 102) }
```

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

```
.background{ background-color: rgb(10, 94,  
102) }
```

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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